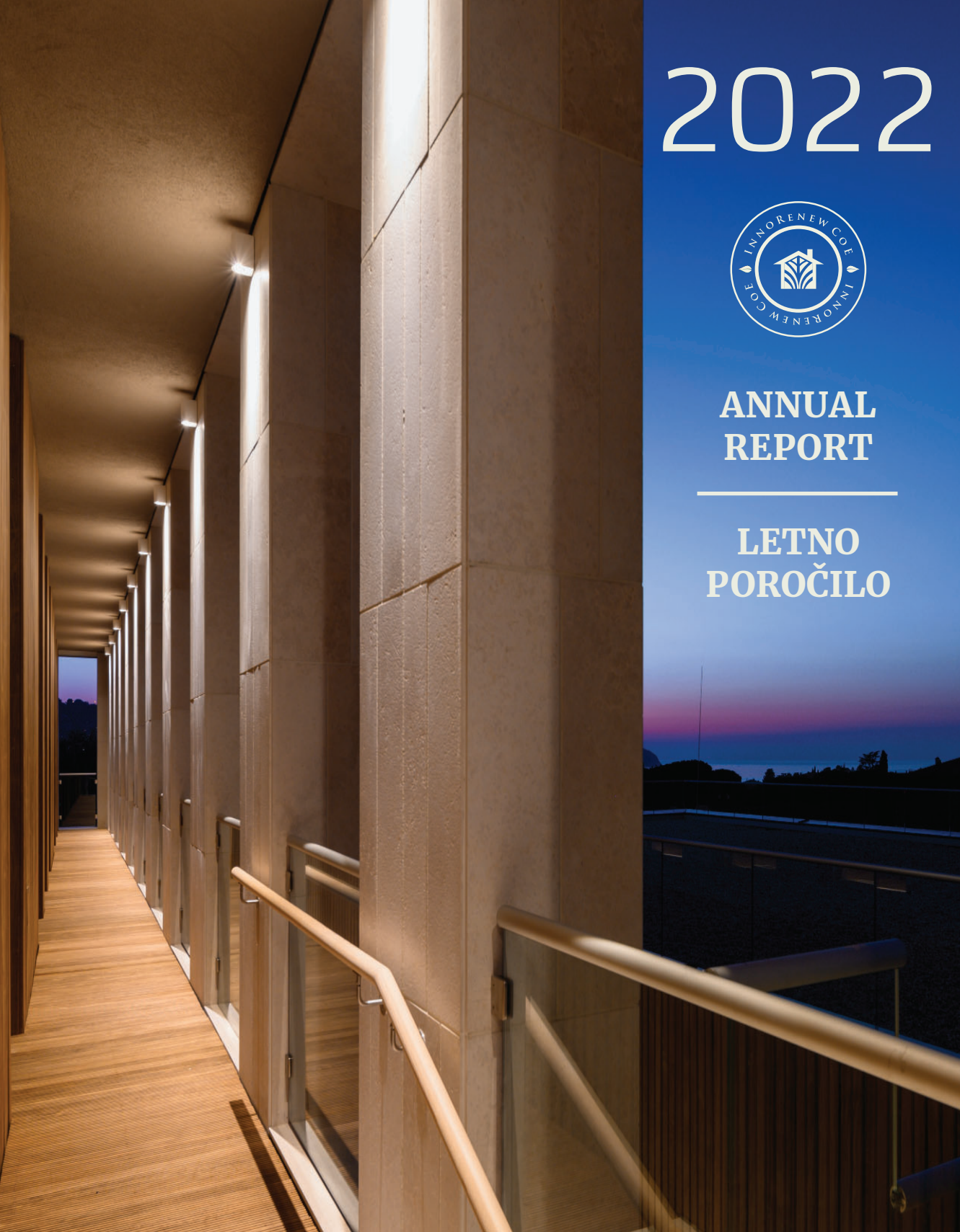


2022

ANNUAL REPORT

LETNO POROČILO

Cover photo / Naslovna fotografija: Miran Kambič

InnoRenew CoE
Renewable Materials and Healthy Environments
Research and Innovation Centre of Excellence

InnoRenew CoE
Center odličnosti za raziskave in inovacije
na področju obnovljivih materialov in
zdravega bivanjskega okolja

ANNUAL REPORT 2022

LETNO POROČILO

Mentored by the Fraunhofer Institute for Wood Research, Wilhelm-Klauditz-Institut WKI (Fraunhofer WKI)

Mentorstvo: Inštitut Fraunhofer Wilhelm-Klauditz (Fraunhofer WKI)

Funded by the European Commission under Horizon 2020, the EU Framework Programme for Research and Innovation (H2020 WIDESPREAD-2-Teaming #739574), and investment funding from the Republic of Slovenia and the European Regional Development Fund.

Financiranje: Okvirni program Evropske unije Obzorje 2020 (H2020 WIDESPREAD-2-Teaming: #739574) in Republika Slovenija. Financiranje naložb Republike Slovenije in Evropske unije v okviru Evropskega sklada za regionalni razvoj.

Table of content

Foreword from the director	6
Foreword from the deputy director	8
Vision, mission, values	10
Organizational structure	12
Employees	14
Research	20
Research groups	20
Research projects	22
Grant applications	36
InnoRenew CoE building, research laboratories and equipment	38
Industrial collaboration	52
Living Lab InnoRenew	62
Events	66
Awards and highlighted achievements in 2022	72
Dissemination and outreach	74
Trainings and meetings	76
Research visits	78
Memberships	79
Teaching	90
Visitors	94
Scientific communications	102
Revenue	143
General information	144

Kazalo

7	Predgovor direktorice
9	Predgovor namestnika direktorice
11	Vizija, poslanstvo in vrednote
13	Organizacijska struktura
15	Zaposleni
21	Raziskave
21	Raziskovalne skupine
23	Raziskovalni projekti
37	Prijave na razpise
38	Stavba, raziskovalni laboratoriji in oprema InnoRenew CoE
53	Sodelovanje z industrijo
63	Živi laboratorij InnoRenew
66	Organizirani dogodki
72	Nagrade in izpostavljeni dosežki v letu 2022
75	Razširjanje rezultatov in obveščanje
77	Izobraževanja in srečanja
78	Raziskovalni obiski
79	Članstva
91	Poučevanje
95	Obiski
103	Znanstveno komuniciranje
143	Prihodki
144	Osnovni podatki

Foreword from the director

It is time to look back on achievements of the year. Many memories were created and many achievements marked 2022. It is always a challenge to choose which to emphasize as the entire year was built on many smaller successes. I have selected a few to highlight.

We moved into a new building and completed our initial investment into research infrastructure for the InnoRenew project. Managing more than 20 million Euros was difficult and took the collaboration of many, but has delivered a unique state-of-the-art research facility. Operating and doing research in our new facility is a dream come true. It will enable us to advance knowledge in the field of renewable materials and sustainable buildings and support other researchers from academia and industry in their discoveries.

The scientific excellence of InnoRenew CoE has been recognized by receiving our first ERC grant award. Anna Sandak successfully obtained an ERC Consolidator Grant and began developing a protective biofilm made from engineered living materials with her team. The project is example of innovating in the field of sustainable buildings through interdisciplinary science, which we have hoped to achieve since InnoRenew CoE was established. I am positive many other research and development projects with great potential for society will be born by InnoRenew CoE in the future.

In 2022, we also strengthened our collaboration with industry. The outreach and the state-of-the-art research infrastructure made us an attractive partner for national and international companies. With the collaborations started in 2022, we will deliver new technologies and knowledge that will increase the added value of the wood sector and beyond.

We also prepared a strategic direction for InnoRenew CoE that aims to enrich the impact of science in the society. We want to increase the impact of our work on society by creating a hub where critical expertise on decarbonising the building stock using renewable materials is gathered, enhanced, and efficiently transferred to society, including policy makers, industry, and other stakeholders. Our membership in initiatives like the New European Bauhaus and societies and partnerships across the word help us reach this goal.

After 5 years of operation, the first graduates of the PhD programme we created with University of Primorska (and others) have completed their studies and moved on to new adventures, some with us and some at other institutions. It is our great pleasure to be part of their career development and honored that we supported the creation of new knowledge by young researchers.

Enjoy reading about InnoRenew CoE's activities and achievements in 2022!

Predgovor direktorice

Čas je, da se ozremo na dosežke preteklega leta. Ustvarili smo veliko spominov in veliko dosežkov je označilo leto 2022. Vedno je pravi izziv izbrati tiste, ki bi jih poudarila, saj je bilo celotno leto zgrajeno na številnih manjših uspehih. Vendarle, sem jih izbrala nekaj, ki jih želim izpostaviti.

Preselili smo se v novo stavbo in zaključili naložbo v raziskovalno infrastrukturo za projekt InnoRenew. Upravljanje z več kot 20 milijoni evrov je bilo težavno in je zahtevalo sodelovanje mnogih, vendar je prineslo edinstven in najsodobnejši raziskovalni objekt. Delovanje in izvajanje raziskav v našem novem objektu je uresničitev sanj. Omogočilo nam bo napredovanje in razvoj novega znanja na področju obnovljivih materialov in trajnostnih stavb ter podporo drugim raziskovalcem iz akademskih krogov in industrije pri njihovih odkritjih.

Znanstvena odličnost InnoRenew CoE je bila priznana s pridobitvijo našega prvega projekta Evropskega raziskovalnega središča (ERC). Anna Sandak je uspešno pridobila projekt ERC Consolidator Grant in s svojo ekipo začela razvijati zaščitni biofilm iz živih materialov. Projekt je primer inovacije na področju trajnostnih stavb z interdisciplinarno znanostjo, kar smo želeli doseči že od ustanovitve InnoRenew CoE. Prepričana sem, da se bodo v okviru InnoRenew CoE v prihodnje rodili še številni drugi raziskovalni in razvojni projekti z velikim potencialom za družbo.

Leta 2022 smo okrepili tudi sodelovanje z industrijo. Zaradi povezovanja z deležniki in najsodobnejše raziskovalne infrastrukture smo postali privlačen partner za domača in mednarodna podjetja. S sodelovanji, ki smo jih začeli leta 2022, bomo zagotovili nove tehnologije in znanje, ki bodo povečali dodano vrednost v lesnem sektorju in širše.

Pripravili smo tudi strateško usmeritev za InnoRenew CoE, katere cilj je obogatiti vpliv znanosti v družbi. Vpliv našega dela na družbo želimo povečati z vzpostavitvijo vozlišča, v katerem se zbira, krepi in učinkovito prenaša kritično strokovno znanje o razogljičenju stavbnega fonda z uporabo obnovljivih materialov v družbo, vključno z oblikovalci politik, industrijo in drugimi deležniki. Pri doseganju tega cilja nam pomaga naše članstvo v pobudah, kot so Novi evropski Bauhaus, ter v društvih in partnerstvih po vsem svetu.

Po petih letih delovanja so prvi doktorski študentje programa, ki smo ga oblikovali skupaj z Univerzo na Primorskem (in drugimi), zaključili študij in se podali novim dogodivščinam naproti, nekateri pri nas, drugi na drugih inštitucijah. V veliko veselje nam je, da smo bili del njihovega kariernega razvoja, in v čast nam je, da smo podprli ustvarjanje novega znanja mladih raziskovalcev.

Uživajte v branju o dejavnostih in dosežkih InnoRenew CoE v letu 2022!

Dr. Andreja Kutnar
Director

Foreword from the deputy director

The past year at InnoRenew CoE has been unlike others. Perhaps the most significant change for InnoRenew CoE was moving into our new state-of-the-art facility. For the first time since the very early days – when InnoRenew was a small team focused on developing the organisation – all InnoRenew CoE employees have a place under one roof. The building itself, is an achievement as well. Working in such a lovely, comfortable, and functional building is a pleasure we should strive to make a reality for others.

I also want to make a note about our growing identity as an organisation. Seeing people in the hallways, hosting events, working in labs, holding meetings, and even teaching classes gives InnoRenew CoE a stronger identity within our organization and outside of it. Creating this identity together can only make it stronger and healthier. Seeing it begin to develop in new ways since coming together in our new building has been exciting to see. I can only look forward to seeing how the institution grows and develops based on the growth and personalities of our team.

We have also seen our work recognised in important ways over the last year. The ERC Consolidator Grant won by Anna Sandak, along with the many other grants won and partnerships developed by our team are great recognitions of the knowledge and skill gathered at InnoRenew CoE, but also of the trust our partners have in all of us.

Another special moment this year came in the form of awards and recognition given to a project InnoRenew CoE consulted on.

The Hotel de Len in Cortina d'Ampezzo, Italy, was a renovation project that transformed an older hotel in the city centre into an extraordinary example of using wood, especially recovered wood, in beautiful and sustainable ways. The hotel won its category, Snow Queen, in the National Geographic's Hotel Awards. The hotel received notice in many other outlets including The New York Times, Vanity Fair, Bloomberg, and The Times.

Beyond external recognition, the InnoRenew CoE team has shown dedication to our collective work and perseverance when challenges arise. I want the entire team – and all of those reading this foreword to know – that their hard work, care, and support is recognised, and appreciated. We know it is the core of our success and the foundation of our future growth.

I look forward to seeing our collective growth and achievement in 2023.

Predgovor namestnika direktorice

Preteklo leto je bilo za InnoRenew CoE drugačno od ostalih. Morda najpomembnejša sprememba je bila selitev InnoRenew CoE v našo novo, najsodobnejšo stavbo. Prvič, odkar je bil InnoRenew še majhna ekipa, osredotočena na razvoj organizacije, imajo vsi zaposleni v InnoRenew CoE prostor pod eno streho. Tudi sama stavba je dosežek. Delo v tako lepi, udobni in funkcionalni stavbi je užitek, za katerega bi si morali prizadevati tudi drugi.

Prav tako bi rad omenil vse večjo in prepoznavno identiteto naše organizacije. Videti ljudi na hodnikih, organiziranje dogodkov, delo v laboratorijih, sestanki in celo predavanja v predavalnicah daje InnoRenew CoE močnejšo identiteto znotraj organizacije in zunaj nje. Če to identiteto ustvarjamo skupaj, je lahko le še močnejša in bolj zdrava. Z navdušenjem opazujem, kako se je začela razvijati na nove načine, odkar smo se združili v novi stavbi. Veselim se, da bom rast in razvoj naše institucije lahko opazoval še naprej, tako številčno, kot z razvojem osebnosti naše ekipe.

Uspešnost našega dela je bila v zadnjem letu prepoznana tudi na druge, pomembne načine. Pridobitev projekta ERC Consolidator Grant, s čimer je uspela Anna Sandak, ter številni drugi pridobljeni projekti in partnerstva, ki jih je razvila naša ekipa, so veliko priznanje za znanje in veščine, zbrane v InnoRenew CoE, pa tudi za zaupanje, ki ga imajo naši partnerji v vse nas.

Še en poseben trenutek v tem letu so nagrade in priznanja, podeljena projektu, pri katerem je InnoRenew CoE sodeloval kot svetovalec. Prenova hotela de Len v Cortini d'Ampezzo v Italiji je iz starejšega hotela v središču mesta, naredila izjemen primer uporabe lesa, zlasti odsluženega lesa, na lep in trajnosten način. Hotel je zmagal v svoji kategoriji, Snežna kraljica, na natečaju National Geographic's Hotel Awards. O hotelu so poročali tudi številni drugi mediji, med drugim The New York Times, Vanity Fair, Bloomberg in The Times.

Poleg zunanjih priznanj je ekipa InnoRenew CoE pokazala predanost našemu skupnemu delu in vztrajnost, ko se pojavijo izzivi. Želim, da celotna ekipa – in vsi, ki berejo to sporočilo – ve, da so njihovo trdo delo, skrb in podpora, prepoznani in cenjeni. Vemo, da je to jedro našega uspeha in temelj naše prihodnje rasti.

Veselim se skupne rasti in dosežkov v letu 2023.

Dr. Michael Burnard
Deputy Director

Vision, mission, values

Vision

InnoRenenw CoE sees solutions to the climate crisis in the science of buildings and materials; however, many challenges remain: addressing sustainability in building construction, operation and use; optimizing renewable materials; understanding human patterns of behavior within the built environment; improving occupant well-being and enhancing social cohesion. Confronting these challenges through interdisciplinary science will allow us to construct a built environment that is sustainable, healthy and supports society's growing need for advanced building and renovation techniques. Success in this endeavor will be built upon the InnoRenew CoE foundation of scientific work, creativity, innovation, industry cooperation and societal engagement. Our vision is to be both a world leader in the interdisciplinary science of the built environment and a model for international research excellence, industrial collaboration and public engagement.

Mission

InnoRenew CoE's mission is to advance the state of the art and achieve scientific and innovation excellence through interdisciplinary science, especially in our two key research areas: wood modification and restorative environmental and ergonomic design (REED).

Values

Inclusion and diversity: We build on our inclusion and diversity to enable personal development, creativity and realization of ideas.

Sustainability: We believe that preservation of nature, environmental stewardship and sustainable development will advance human- and nature-friendly economic and social progress.

Integrity: We have personal integrity and integrity in our actions to ensure respect and dignity within our institute and with our partners, collaborators and communities.

Pursuit of excellence: We pursue excellence in all areas — science, industry and community — to bring innovative solutions that address global issues of renewability and sustainability.

Open science: We are committed to open science and engage in the free global exchange of knowledge through open access and dissemination of our research and results.

Vizija, poslanstvo in vrednote

Poslanstvo

Poslanstvo InnoRenew CoE je nadgrajevanje najsodobnejših znanstvenih in gospodarskih izsledkov z interdisciplinarnimi raziskavami ter prizadevanje za znanstveno in inovacijsko odličnost, in to še posebej na dveh osrednjih področjih našega raziskovanja: pri modifikaciji lesa in pri restorativnem okoljskem in ergonomskem oblikovanju (REED).

Vrednote

Vključenost in raznovrstnost: Gradimo na vključenosti in raznovrstnosti, kar nam omogoča osebnosti razvoj, ustvarjalnost in uresničevanje idej.

Trajnostnost: Verjamemo, da bodo ohranjanje narave, upravljanje z okoljem in trajnostni razvoj spodbudili človeku in naravi prijazen gospodarski in družbeni napredek.

Integriteta: Skrbimo za osebno integriteto in integriteto pri delovanju, da zagotovimo spoštovanje in dostojanstvo na lastnem inštitutu in v odnosu do naših partnerjev, sodelavcev ter skupnosti.

Prizadevanje za odličnost: Na vseh področjih – v znanosti, industriji in skupnosti – si prizadevamo za odličnost, da bi k svetovni problematiki obnovljivosti in trajnostnosti prispevali inovativne rešitve.

Odprta znanost: Zavezani smo odprti znanosti in vključevanju v brezplačno globalno izmenjavo znanja, k čemur prispevamo z odprtodostopnimi objavami in razširjanjem naših raziskav in rezultatov.

Vizija

InnoRenew CoE vidi rešitve za podnebno krizo v znanosti, ki se posveča stavbam in materialom, kljub temu pa številni izzivi ostajajo: upoštevanje vidika trajnostnosti pri gradnji, obratovanju in uporabi stavb; optimiziranje obnovljivih materialov; razumevanje človeških vzorcev vedenja v okviru grajenega okolja; izboljšanje počutja prebivalcev in povečanje družbene kohezije. Obravnavanje teh izzivov na podlagi interdisciplinarne znanosti nam bo omogočilo ustvariti trajnostno in zdravo grajeno okolje, ki bo upoštevalo tudi naraščajoče potrebe družbe po naprednih tehnikah za obnovo in gradnjo. Uspeh teh prizadevanj se bo gradil na temelju znanstvenega dela v InnoRenew CoE, kreativnosti, inovativnosti, sodelovanja z industrijo in vključevanja družbe. Naša vizija je, da na področju interdisciplinarne znanosti, ki obravnava grajeno okolje, postanemo vodilna ustanova na svetu in zgled odličnosti za mednarodno raziskovanje, sodelovanje z gospodarstvom in vključevanje javnosti.

Organizational structure

The Renewable Materials and Healthy Environments Research and Innovation Centre of Excellence (InnoRenew CoE) was established on 15 February 2017 according to Article 2 provisions from the Institutes Act of Slovenia (Ur. L. RS 12/91, 8/96, 36/00 and 127/06) and the Contract of Establishment of the InnoRenew CoE Renewable Materials and Healthy Environments Research and Innovation Centre of Excellence dated 29 November 2016. InnoRenew CoE is a not-for-profit private institute (in Slovenian legislation, "neprofitni zasebni zavod").
InnoRenew CoE's organizational structure consists of the Assembly of Founders, Executive Board, Director and Council of Experts. Living Laboratory InnoRenew is an integrated organizational unit.

Executive Board

Prof. Dragan Marušič, Ph.D.;
University of Primorska
Founder representative and Chair

Prof. Klavdija Kutnar, Ph.D.;
University of Primorska
Founder representative

Prof. Bohumil Kasal, Ph.D.;
Fraunhofer WKI
Founder representative and Vice-chair

Zala Koželj;
Institute for the Protection of Cultural Heritage of Slovenia
Founder representative

Assoc. Prof. Andraž Legat, Ph.D.;
Slovenian National Building and Civil Engineering Institute
Founder representative

David Ravnjak, Ph.D.;
Pulp and Paper Institute
Partner representative

Matej Gojčič;
Regional Development Agency of the Ljubljana Urban Region
Partner representative

Amy Noel Simmons, M.Sc.;
InnoRenew CoE
Employee representative

Karolina Schlegel;
Republic of Slovenia Ministry of Education, Science and Sport
Public representative

Assembly of Founders

University of Primorska
45.1% of the institute's capital

Fraunhofer Institute for Wood Research, Wilhelm-Klauditz-Institut WKI
24.9% of the institute's capital

Institute for the Protection of Cultural Heritage of Slovenia
15% of the institute's capital

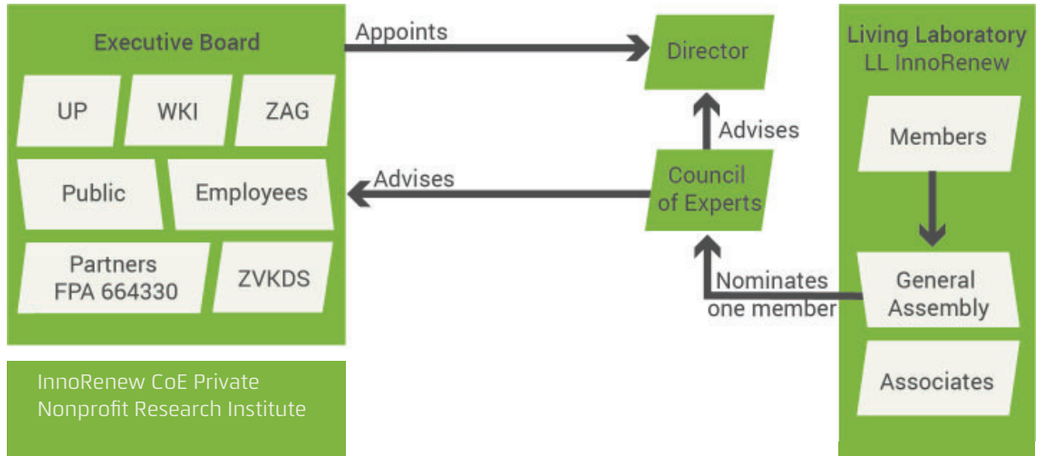
Slovenian National Building and Civil Engineering Institute
15% of the institute's capital

Director
Prof. Andreja Kutnar, Ph.D.

Deputy Director
Assist. Prof. Michael Burnard, Ph.D.

Council of experts

Duncan Mayes, Chair; Finland
Mariapaola Riggio, Ph.D., Vice-chair; USA
Petr Hajek, Ph.D.; Czech Republic
Peter Niemz, Ph.D.; Switzerland
Ritva Toivonen, Ph.D.; Finland
Milan Vatovec, Ph.D.; USA



Organizacijska struktura

InnoRenew CoE Center odličnosti za raziskave in inovacije na področju obnovljivih materialov in zdravega bivanjskega okolja (InnoRenew CoE) je bil ustanovljen 15. 2. 2017 na podlagi določil 2. člena Zakona o zavodih (Uradni list RS, št. 12/91, 8/96, 36/00 in 127/06) in pogodbe o ustanovitvi InnoRenew CoE Centra odličnosti za raziskave in inovacije na področju obnovljivih materialov in zdravega bivanjskega okolja, z dne 29. novembra 2016. InnoRenew CoE je neprofitni zasebni zavod.
Organizacijsko strukturo InnoRenew CoE sestavljajo skupščina ustanoviteljev, svet zavoda, direktorica in strokovni svet. Zavod ima tudi integrirano organizacijsko enoto Živi laboratorij InnoRenew.

Svet zavoda

Prof. dr. Dragan Marušič;
Univerza na Primorskem
Predstavnik ustanoviteljev in predsednik

Prof. dr. Klavdija Kutnar;
Univerza na Primorskem
Predstavnica ustanoviteljev

Prof. dr. Bohumil Kasal;
Fraunhofer WKI Predstavnik ustanoviteljev in podpredsednik

Zala Koželj;
Javni zavod Republike Slovenije za varstvo kulturne dediščine
Predstavnik ustanoviteljev

Izr. prof. dr. Andraž Legat;
Zavod za gradbeništvo Slovenije
Predstavnik ustanoviteljev

dr. David Ravnjak;
Inštitut za celulozo in papir
Predstavnica partnerjev

Matej Gojčič;
Regionalna razvojna agencija Ljubljanske urbane regije
Predstavnik partnerjev

Mag. Amy Noel Simmons;
InnoRenew CoE
Predstavnica zaposlenih

Karolina Schlegel;
Ministrstvo za izobraževanje, znanost in šport Republike Slovenije
Predstavnica javnosti

Ustanovitelji zavoda

Univerza na Primorskem /
Università del Litorale
45,1 % kapitala zavoda

Inštitut Fraunhofer Wilhelm-Klauditz (Fraunhofer WKI)
24,9 % kapitala zavoda

Javni zavod Republike Slovenije za
varstvo kulturne dediščine
15 % kapitala zavoda

Zavod za gradbeništvo Slovenije
15 % kapitala zavoda

Direktorica
Prof. dr. Andreja Kutnar

Namestnik direktorice
Doc. dr. Michael Burnard

Strokovni svet

Duncan Mayes, predsednik, Finska
Dr. Mariapaola Riggio, podpredsednica, ZDA
Dr. Petr Hajek, Češka
Dr. Peter Niemz, Švica
Dr. Ritva Toivonen, Finska
Dr. Milan Vatovec, ZDA

Employees

InnoRenew CoE welcomed eight new employees in 2022, seven scientists and one support and business development expert, which brought the institute's total to 76 employees (55 scientists, 16 support and business development experts and five technicians). InnoRenew CoE employees come from 21 countries, including Belgium, Bosnia and Herzegovina, China, Croatia, the Czech Republic, Ghana, Finland, France, Hungary, India, Italy, Mexico, Norway, Pakistan, Poland, Slovenia, Spain, Sweden, Thailand, Tunisia and the United States. International employees make up 43 percent of the institute's total workforce.

Zaposleni

V letu 2022 je InnoRenew CoE zaposlil osem novih sodelavcev – sedem na oddelku za raziskave in enega na oddelku za podporo in poslovni razvoj. Skupno število zaposlenih v letu 2022 je torej 76, od tega jih je 55 na oddelku za raziskave, 16 na oddelku za podporo in poslovni razvoj, pet pa so tehniki. V InnoRenew CoE je 43 odstotkov vseh zaposlenih tujcev, ki prihajajo iz 21 držav – Belgije, Bosne in Hercegovine, Češke, Finske, Francije, Gane, Hrvaške, Indije, Italije, Kitajske, Madžarske, Mehike, Norveške, Pakistana, Poljske, Slovenije, Španije, Švedske, Tajske, Tunizije in ZDA.

Employees in 2022

Richard Acquah Assistant researcher	GHA
Zijada Adembegović Hujdurović Assistant researcher	BIH
Sidra Aslam Assistant researcher	PTA
Alijana Batič Project management – administrative support	SLO
Benjamin Božič IT support	SLO
Nataša Bubnič Human resources	SLO
Assist. Prof. Michael Burnard, Ph.D. Deputy director	USA/ SLO
Karen Butina Ogorelec, Ph.D. Researcher	SLO
Cuauhtli Campos Mijangos Assistant researcher	MEX
Balázs Dávid, Ph.D. Researcher	HUN
Prof. Diego De Leo, Ph.D. Researcher – scientific counsellor	ITA
Assoc. Prof. David B. DeVallance, Ph.D. Research group leader – renewable materials composites	USA
Elizabeth Ann Dickinson Project management – grant writing and editing	USA
Josip Dijanić Technician	SLO
Mateja Erce Assistant researcher	SLO
Esakkiammal Sudha Esakkimuthu, Ph.D. Researcher	IND
Gertrud Fábián IT support	HUN
Edit Földvári-Nagy Technician	HUN
Assist. Prof. Igor Gavrić, Ph.D. Researcher	SLO
Oihana Goñi Gordobil, Ph.D. Researcher	ESP
Rudi Grahek Tehnician – mechanical enginnering	SLO
Ana Gubenšek Assistant researcher	SLO
László Hajdu, Ph.D. Assistant researcher	HUN
Lei Han Assistant researcher	CHN
René Alexander Herrera Díaz, Ph.D. Researcher	ESP
Niki Hrovatin Assistant researcher	SLO
Miladin Jokić Technician	SLO

Zaposleni v letu 2022

Kaja Kastelic Assistant researcher	SLO
Urban Kavka Assistant researcher	SLO
David Kodarin Assistant project manager	SLO
Barbara Kotrle Administrative support	SLO
Albert Kravos Assistant researcher	SLO
Assoc. Prof. Miklós Ferenc Krész, Ph.D. Research group leader – ICT in renewable materials and sustainable building	HUN
Prof. Andreja Kutnar, Ph.D. Director	SLO
Tania Langella, Ph.D. Researcher	ITA
Dean Lipovac Assistant researcher	SLO

Employees in 2022

Daša Majcen Researcher	SLO
Laetitia Marrot, Ph.D. Researcher	FRA
Tim Mavrič Assistant researcher	SLO
Marica Mikuljan Assistant researcher	SLO
Prof. Michael Nicolas Mrissa, Ph.D. Researcher	FRA
Aarne Johannes Niemelä Assistant researcher	FIN
Aleš Oven Assistant researcher	SLO
Jaka Gašper Pečnik Assistant researcher	SLO
Kelly Peeters, Ph.D. Researcher	BEL/ SLO
Sasikala Perumal Laboratory technician	IND
Nastja Podrekar Loredan Assistant researcher	SLO
Veerapandian Ponnuchamy, Ph.D. Researcher	IND
Faksawat Poohphajai Assistant researcher	SWE/ THA
Silva Poropat Cek Accountant	SLO
Eva Prelovšek Niemelä Assistant researcher	SLO
Lea Primožič Public relations	SLO
Assist. Prof. Rok Prislan, Ph.D. Researcher	SLO
Nežka Sajinčič Assistant researcher	SLO
Assoc. Prof. Anna Malgorzata Sandak, Ph.D. Research group leader – wood modification	POL
Assoc. Prof. Jakub Michal Sandak, Ph.D. Researcher	POL
Matic Sašek Assistant researcher	SLO
Erwin Andreas Meissner Schau, Ph.D. Researcher	NOR
Assoc. Prof. Matthew John Schwarzkopf, Ph.D. Researcher	USA/ SLO
Amy Noel Simmons Assistant researcher	USA
Ana Slavec, Ph.D. Researcher and consulting statistician	SLO
Assist. Prof. Darjan Smajla, Ph.D. Researcher	SLO/ HRV
Vesna Starman Assistant researcher	SLO
Remi Stefanelli Human resources	SLO
Prof. Nejc Šarabon, Ph.D. Research group leader – human health in the built environment	SLO
Nataša Škorja Djikanović Accountant	SLO
Tine Šukljan IT specialist and head of administration	SLO
Assist. Prof. Iztok Šušteršič, Ph.D. Research group leader – sustainable building with renewable materials	SLO
Črtomir Tavzes, Ph.D. Researcher	SLO
Aleksandar Tošič, Ph.D. Assistant researcher	SLO
Tamara Turk Accountant	SLO
Jan Včelák, Ph.D. Researcher	CZE
Alenka Volk Project manager	SLO
Martina Marija Vrhovnik Assistant researcher	SLO
Mariem Zouari Assistant researcher	TUN
Jure Žitnik Assistant researcher	SLO

Zaposleni v letu 2022

Employees enrolled in doctoral programs

In addition, 22 InnoRenew CoE employees were enrolled in doctoral programs, all of whom are supported by the institute in their academic and early research careers. Among them three successfully finished the doctoral study in 2022.

1. **Richard Acquah**
   Faculty of Mathematics, Natural Sciences and Information Technologies, University of Primorska (Renewable Materials for Healthy Built Environments)

2. **Sidra Aslam -** Completed in 2022
   Faculty of Mathematics, Natural Sciences and Information Technologies, University of Primorska (Computer Science)

3. **Mateja Erce**
   Faculty of Mathematics, Natural Sciences and Information Technologies, University of Primorska (Renewable Materials for Healthy Built Environments)

4. **Lei Han**
   Faculty of Mathematics, Natural Sciences and Information Technologies, University of Primorska (Renewable Materials for Healthy Built Environments)

5. **Ana Gubenšek**
   Faculty of Mathematics, Natural Sciences and Information Technologies, University of Primorska (Renewable Materials for Healthy Built Environments)

6. **Niki Hrovatin**
   Faculty of Mathematics, Natural Sciences and Information Technologies, University of Primorska (Computer Science)

7. **Kaja Kastelic**
   Faculty of Health Sciences, University of Primorska (Applied Kinesiology)

8. **Albert Kravos**
   Faculty of Mathematics, Natural Sciences and Information Technologies, University of Primorska (Renewable Materials for Healthy Built Environments)

9. **Dean Lipovac -** Completed in 2022
   Faculty of Mathematics, Natural Sciences and Information Technologies, University of Primorska (Renewable Materials for Healthy Built Environments)

10. **Tim Mavrič**
    Faculty of Humanities, University of Primorska (Management of Cultural Assets and Archives)

11. **Jaka Gašper Pečnik**
    Faculty of Mathematics, Natural Sciences and Information Technologies, University of Primorska (Renewable Materials for Healthy Built Environments)

Zaposleni vključeni v doktorske študijske programe

V letu 2022 je bilo 22 zaposlenih v InnoRenew CoE vpisanih tudi na doktorski študij, od teh pa so trije zaposleni doktorski študij uspešno zaključili. Inštitut si namreč prizadeva podpirati svoje zaposlene na začetku njihovih akademskih in raziskovalnih poti.

12. **Nastja Podrekar Loredan**
    Faculty of Health Sciences, University of Primorska (Applied Kinesiology)

13. **Faksawat Poohphajai**
    Aalto University, Chemical Engineering

14. **Lea Primožič**
    Faculty of Mathematics, Natural Sciences and Information Technologies, University of Primorska (Renewable Materials for Healthy Built Environments)

15. **Nežka Sajinčič**
    Faculty of Education, University of Primorska (Educational Sciences)

16. **Matic Sašek**
    Faculty of Health Sciences, University of Primorska (Prevention for Health)

17. **Vesna Starman**
    Faculty of Education, University of Primorska (Educational Sciences)

18. **Aleksandar Tošić -** Completed in 2022
    Faculty of Mathematics, Natural Sciences and Information Technologies, University of Primorska (Computer Science)

19. **Martina Marija Vrhovnik**
    Faculty of Mathematics, Natural Sciences and Information Technologies, University of Primorska (Renewable Materials for Healthy Built Environments)

20. **Mariem Zouari**
    Faculty of Mathematics, Natural Sciences and Information Technologies, University of Primorska (Renewable Materials for Healthy Built Environments)

21. **Jure Žitnik**
    Faculty of Health Sciences, University of Primorska (Applied Kinesiology)

22. **Campos Cuauhtli**
    Faculty of Mathematics, Natural Sciences and Information Technologies, University of Primorska (Computer Science)

Research

InnoRenew CoE employs 55 researchers and assistant researchers, working within one of the institute's five research groups.

Raziskave

Inštitut zaposluje 55 raziskovalcev in raziskovalnih asistentov, vključenih v raziskovalne skupine.

Research groups

Human Health in the Built Environment

Human Health in the Built Environment group; main areas of activity: wood science, biopsychology, psychogeriatrics, psychology, kinesiology, green building certification, neurophysiology and data analytics. Dr. Nejc Šarabon is the group leader.

Wood Modification

Wood Modification group; main areas of activity: wood science and technology, chemistry, physics, material science and lifelong learning. Dr. Anna Sandak is the group leader.

Renewable Materials Composites

Renewable Materials Composites group; main areas of activity: bio-based composites, wood mechanics, nondestructive evaluation, material characterization and adhesion of materials. Dr. Matthew Schwarzkopf is the group leader.

ICT in Renewable Materials and Sustainable Building

ICT in Renewable Materials and Sustainable Building group; main areas of activity: information and communication technologies, information engineering and applied mathematics. Dr. Miklós Krész is the group leader.

Sustainable Building with Renewable Materials

Sustainable Building with Renewable Materials group; main areas of activity: architectural and engineering design and consulting on larger timber buildings, diverse life cycle assessments, complex acoustic engineering and cultural heritage. Dr. Iztok Šušteršič is the group leader.

Raziskovalne skupine

Človekovo zdravje v grajenem okolju

Človekovo zdravje v grajenem okolju; področja delovanja: znanost o lesu, biopsihologija, psihogeriatrija, psihologija, kineziologija, certificiranje zelenih gradenj, nevrofiziologija in analiza podatkov. Vodja skupine je dr. Nejc Šarabon.

Modifikacija lesa

Modifikacija lesa; področja delovanja: znanost o lesu in tehnologija lesa, kemija, fizika, znanost o materialih in vseživljenjsko učenje. Vodja skupine je dr. Anna Sandak.

Kompoziti iz obnovljivih materialov

Kompoziti iz obnovljivih materialov; področja delovanja: kompoziti, narejeni na osnovi biotskih materialov, mehanika lesa, neporušno vrednotenje, karakterizacija materialov in njihove adhezivnosti. Vodja skupine je dr. Matthew Schwarzkopf.

Informacijske in računalniške tehnologije na področju obnovljivih materialov in trajnostne gradnje

Informacijske in računalniške tehnologije na področju obnovljivih materialov in trajnostne gradnje; področja delovanja: informacijske in komunikacijske tehnologije, informacijski inženiring in uporabna matematika. Vodja skupine je dr. Miklós Krész.

Trajnostna gradnja z obnovljivimi materiali

Trajnostna gradnja z obnovljivimi materiali; področja delovanja: arhitekturno ter inženirsko projektiranje in svetovanje pri večjih lesenih stavbah, analiza življenjskega cikla (LCA), akustično projektiranje in kulturna dediščina. Vodja skupine je dr. Iztok Šušteršič.

Research projects

In 2022, InnoRenew CoE carried out 49 projects, six of which were under InnoRenew CoE's coordination. The Slovenian Research Agency (ARRS) financed 29 of these projects: 11 basic, two postdoctoral and 16 bilateral projects (two with Austria, two with Bosnia and Herzegovina, two with Hungary, two with Norway, one with Denmark, one with Estonia, one with Finland, one with France, one with Italy, one with Lithuania, one with Turkey, and one with the United States).

InnoRenew CoE also achieved a targeted research project co-financed by ARRS and Slovenia's Ministry of Economic Development and Technology (MGRT), one project was financed by the Ministry of Economic Development and Technology; one project was funded by the Republic of Slovenia's Ministry of Agriculture, Forestry and Food, one project was funded by the Republic of Slovenia's Ministry of Education, Science and Sport and two projects were financed by Municipality of Koper.

InnoRenew CoE had four projects funded by the European Union–Horizon 2020, Marie Skłodowska-Curie Actions Individual Fellowships; two projects funded by the European Union–Erasmus+; four projects funded by the European Union–ForestValue and three projects funded by the European Union–Horizon 2020 / Horizon Europe.

Additionally, in 2022 InnoRenew CoE received a prestigious Horizon Europe ERC Consolidator grant.

In the table bellow a list of all continuing projects in the year 2022 is presented.

Raziskovalni projekti

V letu 2022 je InnoRenew CoE izvajal 49 projektov (šest kot koordinator), od tega jih 29 financira Javna agencija za raziskovalno dejavnost RS (ARRS), in sicer 11 temeljnih projektov, dva podoktorska projekta in 16 bilateralnih projektov (po dva z Avstrijo, Madžarsko, Bosno in Hercegovino ter Norveško in po enega z Italijo, Turčijo, Estonijo, Dansko, Litvo, Francijo, Finsko in ZDA).

Poleg tega je InnoRenew CoE v letu 2022 dobil ciljno raziskovalni projekt, ki ga sofinancirata ARRS in Ministrstvo za gospodarski razvoj in tehnologijo (MGRT), enega Ministrstvo za gospodarski razvoj in tehnologijo (MGRT), enega Ministrstvo za kmetijstvo, gozdarstvo in prehrano (MKGP), enega Ministrstvo za izobraževanje, znanost in šport (MIZŠ) ter dva projekta financirana s strani Mestne občine Koper.

Ostale projekte InnoRenew CoE financirajo še: štiri program MSCA - Marie Skłodowska-Curie Individual Fellowships (program Obzorja 2020), dva program Erasmus+, štiri program ForestValue in tri program Obzorje 2020 / Obzroje Evropa.

InnoRenew CoE je bil v letu 2022 uspešen tudi pri pridobivanju prestižnega projekta Evropske unije Horizon Europe ERC Consolidator grant.

V spodnji tabeli so predstavljeni vsi projekti, katerih aktivnosti so potekale v letu 2022.

ARRS and other national programs

Title / Naslov:	**Using questionnaires to measure attitudes and behaviours of buildings users**
Leader / Vodja:	Ana Slavec
Period / Trajanje:	1.7.2019 - 30.9.2023
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE

Title / Naslov:	**Spectroscopy and multivariate data analysis for quality control of modified wood**
Leader / Vodja:	Anna Malgorzata Sandak
Period / Trajanje:	1.9.2018 - 31.12.2022
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE; University of Modena and Reggio Emilia

Title / Naslov:	**Perceptions of, competencies, capacities and possibilities for the implementation of environment- and human health-friendly living environments**
Leader / Vodja:	Andreja Kutnar
Period / Trajanje:	15.1.2019 - 31.12.2022
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE; Public scientific research institution Institute for Protection and Ecology of the Rep. of Srpska

Title / Naslov:	**Strategies for improvement of energy efficiency of residential buildings through retrofitting**
Leader / Vodja:	Anna Malgorzata Sandak
Period / Trajanje:	15.1.2019 - 31.12.2022
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE; Faculty of Architecture, Civil Engineering and Geodesy, University of Banja Luka

Title / Naslov:	**Optimization problems of the residual biomass value chain**
Leader / Vodja:	Jakub Michal Sandak
Period / Trajanje:	1. 1. 2020 - 31. 12. 2022
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE; Vienna University of Technology

ARRS and other national programs

Title / Naslov:	**Enhanced wood properties of low-grade timber through densification coupled with natural, plant-based polymers**
Leader / Vodja:	Matthew John Schwarzkopf
Period / Trajanje:	1.7.2020 - 30.6.2023
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE; Karadeniz Teknik Universitesi

Title / Naslov:	**Autonomic edge computing for air quality monitoring**
Leader / Vodja:	Micheal Mrissa
Period / Trajanje:	1.9.2020 - 31.8.2023
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	University of Primorska, UP FAMNIT; Institute for the protection of Cultural Heritage of Slovenia

Title / Naslov:	**Influence of doweled connection on the dynamic response of tall timber buildings**
Leader / Vodja:	Iztok Šušteršič
Period / Trajanje:	01.11.2020 - 31.10.2022
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE; NTNU Norwegian University of Science and Technology

Title / Naslov:	**Valorisation of hemp by-products for composite applications**
Leader / Vodja:	Matthew John Schwarzkopf
Period / Trajanje:	01.11.2020 - 31.10.2022
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE; Tallinn University of Technology

Title / Naslov:	**Combining indoor environmental quality with human movement science to improve school quality**
Leader / Vodja:	Nejc Šarabon
Period / Trajanje:	01.11.2020 - 31.10.2022
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE; Norwegian University of Life Sciences

ARRS and other national programs

Title / Naslov:	**Comparison of sound field characterization methods**
Leader / Vodja:	Rok Prislan
Period / Trajanje:	01.11.2020 - 31.10.2022
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE; DTU, Department of Electrical Engineering, Acoustic Technology research group

Title / Naslov:	**Understanding hygroscopic properties of wood through multiscale modelling**
Leader / Vodja:	Veerapandian Ponnuchamy
Period / Trajanje:	01.11.2020 - 31.10.2022
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE; Lithuanian Energy Institute

Title / Naslov:	**Reducing occupant stress through improved indoor environmental quality and the use of renewable materials indoors**
Leader / Vodja:	Michael David Burnard
Period / Trajanje:	01.11.2020 – 31.10.2022
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE; Natural Resources Institute Finland

Title / Naslov:	**Graph theory and combinatorial scientific computing**
Leader / Vodja:	Miklós Krész
Period / Trajanje:	1.1.2021 – 31.12.2023
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	Alfred Renyi Institute of Mathemtatics, IJS, InnoRenew CoE

Title / Naslov:	**Novel modification treatments to improve wood resistance against fire**
Leader / Vodja:	René Alexander Herrera Díaz
Period / Trajanje:	1.1.2021 – 31.12.2022
Financing / Financiranje:	Slovenian Research Agency (ARRS) – Phc Proteus program
Partners / Partnerji:	InnoRenew CoE; Institute of Analytical Sciences and Physico-Chemistry for Environment and Materials – IPREM – at the University of Pau and Pays de l'Adour

ARRS and other national programs

Title / Naslov:	**Development of multi-objective optimisation algorithms for the design of buildings of diverse use**
Leader / Vodja:	Miklós Krész
Period / Trajanje:	1.3.2021 – 28.2.2023
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE; University of Pécs

Title / Naslov:	**Optimization and fault forecasting in port logistics processes using artificial**
Leader / Vodja:	Balázs Dávid
Period / Trajanje:	1.3.2021 – 28.2.2023
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE; University of Pannonia, Faculty of Information Technology

Title / Naslov:	**Innovation activities of Austrian and Slovenian companies in the wood-value chain**
Leader / Vodja:	Ana Slavec
Period / Trajanje:	1. 1. 2020 - 31. 12. 2022
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE; Institute for System Sciences, Innovation and Sustainability Research, University of Graz

Title / Naslov:	**KOCles3**
Leader / Vodja:	Andreja Kutnar
Period / Trajanje:	14.5.2021 – 31.10.2022
Financing / Financiranje:	Slovenia Ministry of Economic Development and Technology
Partners / Partnerji:	Zavod Lesarski grozd; Podgorje d.o.o.; Stilles d.o.o.; M Sora d.d.; Lip Bledmd.o.o.; Alples d.d.; Marles hiše Maribor d.o.o.; Murales d.d.; Lumar IG d.o.o.; Hit Preless d.o.o.; Mizarstvo Florjančič d.o.o.; Bobiš Yacht Interior d.o.o.; Riko hiše d.o.o.; Alpod d.o.o.; Gašper trženje d.o.o.; Doors d.o.o.; Bestwood d.o.o.; L.ASK d.o.o.; Gonzaga-pro d.o.o.; Marles PSP d.o.o.; Pohištvo Poločnik Aleš Potošnik s.p..; Maremico d.o.o.; Mlinar pohištvo d.o.o.; Alfa Natura d.o.o.; CBD d.o.o.; Univerza v Ljubljani; Fakulteta za Dizajn, samostojni visokošolski zavod, pridružena članica UP; Gospodarska zbornica Slovenije - Združenje lesne in pohištvene industrije

ARRS and other national programs

Title / Naslov:	**Reverse supply chain of wood biomass residues**
Leader / Vodja:	Jakub Michal Sandak
Period / Trajanje:	1.12.2021 – 30.11.2024
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	Sieć Badawcza Łukasiewicz – Institute of Logistics and Warehousing; InnoRenew CoE; Vienna University of Technology

Title / Naslov:	**Economic, environmental and social aspects of wood processing and its use and carbon sequestration**
Leader / Vodja:	Balázs Dávid
Period / Trajanje:	01.09.2021 – 28.02.2023
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	Slovenian Forestry Institute; Pulp and Paper Institute

Title / Naslov:	**Engineered wood composites with enhanced impact sound insulation performance to improved human well being**
Leader / Vodja:	Andreja Kutnar
Period / Trajanje:	1.1.2022 - 31.12.2025
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE; University of Primorska, Faculty of Mathematics, Natural Sciences and Information Technologies; University of Ljubljana, Faculty of Mathematics and Physics; IBO Austrian Institute for Building and Ecology; Technische Universität Wien

Title / Naslov:	**Possibilities of using natural fibers in the production of hybrid textile reinforcement for concrete**
Leader / Vodja:	Matthew John Schwarzkopf
Period / Trajanje:	1.3.2022 - 28.2.2025
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	Czech Technical University; InnoRenew CoE

Title / Naslov:	**Decentralized communities for building monitoring**
Leader / Vodja:	Michael Mrissa
Period / Trajanje:	1.7.2022 - 30.6.2024
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE; Oregon State Univesrity

ARRS and other national programs

Title / Naslov:	**Sustainable development ambassadors**
Leader / Vodja:	Vesna Starman
Period / Trajanje:	1.10.2022 – 30.10.2022
Financing / Financiranje:	Municipality of Koper
Partners / Partnerji:	University of Primorska, Faculty of Mathematics, Natural Sciences and Information Technologies; InnoRenew CoE
Coordinator / Koordinator:	UP FAMNIT

Title / Naslov:	**Digital wood**
Leader / Vodja:	Vesna Starman
Period / Trajanje:	1.10.2022 – 30.10.2022
Financing / Financiranje:	Municipality of Koper
Partners / Partnerji:	University of Primorska; InnoRenew CoE; Elementary school Šmarje ri Kopru; Elementary school Škofije; Elementary school Koper; Elementary school Hrvatini; Elementary school Dušana Bordona; Elementary school Antona Ukmarja

Title / Naslov:	**An interdisciplinary approach to working with gifted pupils (integrating science, technology and the arts)**
Leader / Vodja:	Vesna Starman
Period / Trajanje:	1.8.2022 – 24.6.2023
Financing / Financiranje:	Ministry of education, science and sport

Title / Naslov:	**Toward better understanding the diffuse sound field: Designing diffusers, quantifying and predicting diffuseness**
Leader / Vodja:	Rok Prislan
Period / Trajanje:	1.10.2022 – 30.9.2024
Financing / Financiranje:	Slovenian Research Agency (ARRS)

Title / Naslov:	**Protein-based adhesive for high-performance indoor timber structures**
Leader / Vodja:	Matthew John Schwarzkopf
Period / Trajanje:	1.10.2022 – 30.9.2025
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE; University of Primorska, Andrej Marušič Institute; Slovenian National Building and Civil Engineering Institute

ARRS and other national programs

Title / Naslov:	**Selective extraction of high value molecules from forest products processing residues in the speciality chemicals sector**
Leader / Vodja:	Andreja Kutnar
Period / Trajanje:	1.7.2019 – 30.6.2022
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE; Institut "Jožef Stefan"; ARHEL projektiranje in inženiring d.o.o.; University of Ljubljana, Faculty of Pharmacy; University of Primorska, Andrej Marušič Institute

Title / Naslov:	**Optimisation for sustainable supply chains**
Leader / Vodja:	Andreja Kutnar
Period / Trajanje:	1.4.2019 - 31.03.2022
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE; Institute for Computer Science and Control, Hungarian Academy of Sciences

Title / Naslov:	**Development of new practices for forest property management and strengthening of all its functions**
Leader / Vodja:	Črtomir Tavzes
Period / Trajanje:	9.7.2020 - 9.7.2022
Financing / Financiranje:	Republic of Slovenia Ministry of Agriculture, Forestry and Food
Partners / Partnerji:	InnoRenew CoE; Farm Volk; School Center Postojna; Farm Jernejevi; Farm Žustovi, Marko Mahne - holder of supplementary activity on the farm; Farm Morelj; Education Tamara Urbančič s.p.; Forest Owners Association Vrhe-Vremščica; Stritih d.o.o.

Title / Naslov:	**Design of multifunctional polysaccharide composite nanoparticles for deacidification, strength improvement and prevention of microbial attack of historical cellulose-based artifacts**
Leader / Vodja:	Matthew John Schwarzkopf
Period / Trajanje:	1.7.2019 – 30.6.2022
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	University of Maribor, Faculty of Mechanical Engineering; National and University Library; Institute for the Protection of Cultural Heritage of Slovenia; InnoRenew CoE

EU Framework Programme for Research and Innovation

Title / Naslov:	**Olive leaf multi-product cascade-based biorefinery: From an under-used biomass in the primary sector to tailor-made solutions for high added-value international market applications (OLEAF4VALUE)**
Leader / Vodja:	Jakub Michal Sandak
Period / Trajanje:	01.07.2021 – 30.06.2024
Financing / Financiranje:	European Union, Horizon 2020–Bio-based Industries Joint Undertaking
Partners / Partnerji:	Natac Biotech SL; Oleicola El Tejar Nuestra Señora de Araceli; Ingecor Agroforestal SL; InnoRenew CoE; Fundacion Cener; Instituto Politecnico de Bragança; Biochemize SL; Universita degli studi di Firenze; Nizo Food Research BV; Martin-Luther-University Halle-Wittenberg; Norwegian Institute of Marine Research; Mibelle AG; Eurizon SL; Zero Emissions Engineering BV; NNFCC Limited; Mowi Feed AS

Title / Naslov:	**Bioinspired living skin for architecture ARCHI-SKIN**
Leader / Vodja:	Anna Malgorzata Sandak
Period / Trajanje:	1.9.2022 - 31.8.2027
Financing / Financiranje:	ERC (Horizon Europe)

Title / Naslov:	**Carbon accounting in the forest-based industry – Maximising the mitigation potential of wood products in Slovenia**
Leader / Vodja:	Daša Majcen
Period / Trajanje:	01.05.2022 - 30.04.2025
Financing / Financiranje	EU, Horizon 2020–H2020-MSCA-IF-2020 Marie Skłodowska-Curie Individual Fellowship (Career Restart Panel)

Title / Naslov:	**Green synthesis of sustainable bio-sourced multi-functional ingredient for skin care applications**
Leader / Vodja:	Oihana Gordobil
Period / Trajanje:	1.5.2021 - 30.4.2023
Financing / Financiranje	EU, Horizon 2020–H2020-MSCA-IF-2020 Marie Skłodowska-Curie Individual Fellowship (Standard European Fellowships)

Title / Naslov:	**Modified lignin nanoparticles for composite and bio-based/Cu packaging applications**
Leader / Vodja:	Sudha Esakkiammal
Period / Trajanje:	1.4.2021 - 31.3.2023
Financing / Financiranje:	EU, Horizon 2020–H2020-MSCA-IF-2020 Marie Skłodowska-Curie Individual Fellowship (Standard European Fellowships)

EU Framework Programme for Research and Innovation

Title / Naslov:	**Pilots for healthy and active ageing (Pharaon)**
Leader / Vodja:	Michael David Burnard
Period / Trajanje:	01.12.2019 – 31.11.2023
Financing / Financiranje:	European Union, Horizon 2020
Partners / Partnerji:	Sant'Anna (Coordinator); Hewlett Packard Italiana Srl; Fondzione Casa Sollievo Della Sofferenza; Up Umana Persone; Co-Robotics Srl; Orthokey Italia Srl; Asociacion Empresarial De Investigacion Centro Tecnologico Del Muebley La Madera De La Region De Murcia; Servicio Murciano De Salud; Universidad Politecnica De Cartagena; My Energia Oner Sl; Consejeria De Igualdad Y Politicas Sociales De La Junta De Andalucia; Universidad De Jaen; Fundacion Ageing Social Lab; Robotnik Automation Sll; Indra Sistemas Sa; Irmandade Da Santa Casa Da Misericordia Da Amadora Ipss; Universidade Da Beira Interior; Caritas Diocesana De Coimbra; Universidade De Coimbra; Maastricht Instruments; Roessingh Research And Development Bv; Stichting Nationaal Ouderenfonds; Universiteit Twente; Adsysco B.V.; InnoRenew CoE; National Institute for Public Health; Dom Upokojencev Izola - Casa Del Pensionato Isola; Ericsson Nikola Tesla D.D.; Ascora Gmbh; Stelar Security Technology Law Research Ug; Gip Autonom'lab; Information Catalyst For Enterprise Ltd; Age Platform Europe; Minds & Sparks Gmbh; Domalys Sas; Glintt - Healthcare Solutions, S.A; Senlab d. o. o.; Sentab Estonia Ou; Tallinna Tehnikaulikool; Din Deutsches Institut Fuer Normung E.V.; Uninfo - Associazione Di Normazione Informatica

Title / Naslov:	**DESIRE - Design for all methods to cREate age-friendly housing**
Leader / Vodja:	Nejc Šarabon
Period / Trajanje:	1.12.2020 - 30.11.2022
Financing / Financiranje:	EU, Erasmus+
Partners / Partnerji:	Slovak University of Technology in Bratislava; Institute of Ethnology Slovak Academy of Sciences; Asociacion Empresarial de Investigacion Centro Tecnologico del Muebley la Madera de la Region de Murcia; SHINE2EUROPE, LDA; InnoRenew CoE

Title / Naslov:	**Holistic design of taller timber buildings**
Leader / Vodja:	Iztok Šušteršič
Period / Trajanje:	12.10.2021-11.10.2025
Financing / Financiranje:	COST-Open Call Collection OC-2020-1
Partners / Partnerji:	Researchers from 33 countries

Title / Naslov:	**Façade bio-carbon based anti UV coating to prevent deterioration of wooden buildings - FACADE**
Leader / Vodja:	Laetitia Marrot
Period / Trajanje:	1.4.2020 - 31.3.2022
Financing / Financiranje:	EU, Horizon 2020–H2020-MSCA-IF-2020 Marie Skłodowska-Curie Individual Fellowship (Standard European Fellowships)

EU Framework Programme for Research and Innovation

Title / Naslov:	**Building a sustainable & circular economy through innovative, biobased manufacturing lines**
Leader / Vodja:	Anna Malgorzata Sandak
Period / Trajanje:	1.4.2022 - 31.3.2026
Financing / Financiranje:	HORIZON EUROPE-RIA
Partners / Partnerji:	B.T.G. Biomass technology group BV; Aep Polymers Srl; Foresa Technologies S.L.; Avecom; Rijksuniversiteit Groningen; InnoRenew CoE; Blue Synergy Sl; Transfurans Chemicals Bvba; Foreco Dalfsen BV; Eta – Energia, Trasporti, Agricoltura Srl; Ava Biochem Bsl

Title / Naslov:	**Innovative Training Solutions for certified wood in furniture, timber, building and forestry sectors**
Leader / Vodja:	Igor Gavrić
Period / Trajanje:	1.1.2022 - 31.12.2023
Financing / Financiranje:	EU, Erasmus+
Partners / Partnerji:	Karlsruher Institut fuer Technologie; InnoRenew CoE; Asociacion Empresarial De Investigacion Centro Tecnologico Del Mueble Y La Madera De La Region De Murcia; Ecores Sprl; University of Forestry Karlsruher Institut fuer Technologie (Germany)

Instruments resulting from actions under the EU Framework Programme for Research and Innovation

Title / Naslov:	**Tree bark as a renewable source of wood protection materials for building applications**
Leader / Vodja:	Matthew John Schwarzkopf
Period / Trajanje:	1.7.2022 - 30.6.2025
Financing / Financiranje:	European Union – ForestValue Research Programme and Republic of Slovenia's Ministry of Education, Science and Sport
Partners / Partnerji:	Latvian State Institute of Wood Chemistry (Latvia), InnoRenew CoE (Slovenia), Teknologian tutkimuskeskus VTT (Finland), Norsk Institutt for Bioøkonomi (Norway), Warsaw University of Life Sciences (Poland)

Title / Naslov:	**Enhanced Life-Cycle-Costing in wood construction by novel methods for service life planning**
Leader / Vodja:	Anna Malgorzata Sandak
Period / Trajanje:	1.7.2022 - 30.6.2025
Financing / Financiranje:	European Union – ForestValue Research Programme and Republic of Slovenia's Ministry of Education, Science and Sport
Partners / Partnerji:	University of Goettingen, Department of Wood Biology and Wood Products; Norwegian Institute of Wood Technology; Norwegian Institute of Bioeconomy Research; Tallinn University of Technology; InnoRenew CoE; Lund University; Miebach; ZRS Architekten; Holzba University of Göttingen, Department of Wood Biology and Wood Products (Germany)

Instruments resulting from actions under the EU Framework Programme for Research and Innovation

Title / Naslov:	**Dynamic response of tall timber buildings under service load - DynaTTB**
Leader / Vodja:	Iztok Šušteršič
Period / Trajanje:	1. 3. 2019 - 30. 9. 2022
Financing / Financiranje:	European Union – ForestValue Research Programme and Republic of Slovenia's Ministry of Education, Science and Sport
Partners / Partnerji:	RISE Research Institutes of Sweden; NTNU Norwegian University of Science and Technology; University of Exeter; University of Ljubljana; InnoRenew CoE; Centre Scientifi que et Technique du Bâtiment; Linnaeus University; Moelven Töreboda AB; SWECO Norge AS

Title / Naslov:	**CLICK DESIGN - Delivering fingertip knowledge to enable service life performance specification of wood**
Leader / Vodja:	Jakub Michal Sandak
Period / Trajanje:	1. 3. 2019 - 31. 5. 2022
Financing / Financiranje:	European Union – ForestValue Research Programme and Republic of Slovenia's Ministry of Education, Science and Sport
Partners / Partnerji:	BRE Building Research Establishment (coordinator); University of Goettingen; Lund University; VTT Technical Research Centre of Finland; InnoRenew CoE; Institute Technological FCBA; Norwegian Institute of Bioeconomy Research; Biology of Insect; FPInnovations; Hygiène Office

Instruments for Centres of Excellence in Horizon 2020 and Horizon Europe

Title / Naslov:	**Renewable Materials and Healthy Environments Research and Innovation Center of Excellence – InnoRenew CoE**
Leader / Vodja:	Andreja Kutnar
Period / Trajanje:	1.4.2017 - 30.9.2023
Financing / Financiranje:	Horizon 2020 Framework Programme of the European Union; H2020 WIDESPREAD-2-Teaming: #739574 and the Republic of Slovenia. Investment funding of the Republic of Slovenia and the European Union of the European Regional Development Fund.
Partners / Partnerji:	University of Primorska; InnoRenew CoE; University of Maribor; Slovenian National Building and Civil Engineering Institute; Pulp and Paper Institute; Institute for the Protection of Cultural Heritage of Slovenia

Projects starting in 2023

Title / Naslov:	**Multi-functionalization of wood with bio-based approach**
Leader / Vodja:	René Alexander Herrera Díaz
Period / Trajanje:	1. 9. 2023 - 1. 9. 2025
Financing / Financiranje:	HORIZON-MSCA-2021-PF-01

Title / Naslov:	**Diagnostics and mechanical tests of aged adhesive layers used in joints of wooden structures**
Leader / Vodja:	Matthew John Schwarzkopf
Period / Trajanje:	1.1.2023 - 31.12.2026
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE; Slovenian National Building and Civil Engineerig Institute; Tadeusz Kościuszko Cracow University of Technology

Title / Naslov:	**Spectroscopic methods for rapid phenotyping of trees refl ecting their ecological resilience**
Leader / Vodja:	Jakub Michal Sandak
Period / Trajanje:	1.1.2023 – 31.12.2025
Financing / Financiranje:	Slovenian Research Agency (ARRS)
Partners / Partnerji:	InnoRenew CoE; Warsaw University of Life Sciences

Title / Naslov:	**Single item identification for forest production, protection and management (SINTETIC)**
Leader / Vodja:	Jakub Michal Sandak
Period / Trajanje:	1. 6. 2023 – 31. 5. 2026
Financing / Financiranje:	Horizon Europe
Partners / Partnerji:	Consorci Centre de Ciencia i Tecnologia Forestal de Catalunya (Spain); Microtec S.R.L. (Italy); Bluebiloba Startup Innovativa S.R.L. (Italy); Otmetka (Sweden); Simtrona D.O.O. (Slovenia); Universitatea Transilvania Din Brasov (Romania); Ceettar (Belgium); Innorenew Coe Center Odlicnosti Za Raziskave in Inovacije na Podrocju Obnovljivih Materialov in Zdravega Bivanjskega Okolja (Slovenia); Associazione Foresta Modello delle Montagne Fiorentine (Italy); Treemetrics Limited (Ireland); Piveteaubois (France); Consiglio Nazionale delle Ricerche (Italy); Arboreal Ab (Sweden); Boscat Fusta, S.L. (Spain); Laboratorio di Monitoraggio e Modellistica Ambientale per Lo Sviluppo Sostenibile - Lamma (Italy); Ita-Suomen Yliopisto (Finland); Fiskarhedens Trävaru Ab (Sweden); Sc Silvador Company Srl (Romania)

Grant applications

InnoRenew CoE submitted 42 funding proposals in 2022 (51 proposals in 2021, 70 in 2020). The total budget of all submitted proposals was €20,593,529.79 (€22,132,872.02 in 2021, €11,301,772.61 in 2020). Currently, there are 8 pending proposals with a potential budget for InnoRenew CoE of €2,070,929.51. For the remainder, there were 30 unsuccessful proposals and four successful proposals (€678,068.60) for the year.

International

There were 20 international funding applications submitted for a total budget of €18.149.374,86. Twelve of these applications were submitted to Horizon Europe, four of which listed InnoRenew CoE as the coordinator (1 successful, 10 rejected, 1 pending). Other applications were submitted to the ERC starting grant (one rejected), EIC program (one pending), M-era.net program (two pending), Interreg program (two rejected), MSCA Individual fellowship (one pending), and Horizon Europe Teaming program (one rejected).

Additionally, InnoRenew CoE participated in 3 Horizon MSCA doctoral network proposals, which are still pending. If they are successful, InnoRenew CoE will host PhD students financed through these projects.

National

22 proposals were submitted to the Slovenian Research Agency (ARRS) for a total budget of €2,654,154.93. From this, 10 proposals were for basic research projects (9 rejected, 1 successful), four for post doc research projects (3 rejected, 1 successful), one bilateral project with Turkish partners (rejected), one bilateral project with Austrian partners (successful), one bilateral project with Serbian partners (pending), one Slovenian-Czech research project cooperation (rejected), two for Slovenian-Hungarian research project cooperation (2 rejected), and two for Slovenian-Polish research project cooperation (pending).

With University of Primorska, InnoRenew CoE proposed two smaller projects with financing of the Municipality of Koper.

Prijave na razpise

V letu 2022 je InnoRenew CoE na razpise prijavil 42 projektov (leta 2021 pa 51, leta 2020 pa 70). Skupna vrednost vseh oddanih vlog znaša 20.593.529,79 EUR (leta 2021 pa 22.132.872,02 EUR, leta 2020 pa 11.301.772,61 EUR). V ocenjevanju je še 8 prijav, v vrednosti 2.070.929,51 EUR za InnoRenew CoE. Trideset prijav je bilo za InnoRenew CoE v letu 2022 neuspešnih, štiri pa so bile odobrene, in sicer v vrednosti 678.068,60 EUR.

Prijave na mednarodne razpise

Raziskovalci InnoRenew CoE so prijavili 20 mednarodnih projektov (njihova skupna vrednost je 18.149.374,86 EUR). Dvanajst projektnih prijav je bilo oddanih na razpise v okviru programa Obzorje Evropa (1 uspešen, 10 neuspešnih, 1 v ocenjevanju). Pri štirih od njih je InnoRenew CoE zastopan kot koordinator projekta. Poleg tega je bila ena prijava oddana na ERC starting grant (neuspešna), ena prijava na EIC program (v ocenjevanju), dve prijavi na M-Era.Net program (v ocenjevanju), dve na Interreg program (neuspešni), ena prijava za MSCA Individual fellowship (v ocenjevanju) ter ena prijava na Europe Teaming program (neuspešna).

Poleg tega je InnoRenew CoE sodeloval pri pripravi treh prijav Horizon MSCA doctoral network, ki so še v ocenjevanju. V kolikor bodo prijave uspešne, bo InnoRenew CoE gostil doktorske študente, ki bodo financirani iz teh projektov.

Prijave na nacionalne razpise

Na Javno agencijo za raziskovalno dejavnost RS (ARRS), je bilo vloženih 22 predlogov za financiranje (v skupni vrednosti 2.654.154,93 EUR). Med prijavami na ARRS je bilo oddanih 10 za osnovne projekte (9 neuspešnih, 1 uspešen), štiri podoktorski projekti (3 neuspešni, 1 uspešen), en bilateralni projekt s turškimi partnerji (neuspešen), en bilateralni projekt z avstrijskimi partnerji (uspešen), en bilateralni projekt s srbskimi partnerji (v ocenjevanju), en projekt za raziskovalno sodelovanje med Slovenijo in Češko (neuspešen), dva raziskovalna projekta za sodelovanje med Slovenijo in Madžarsko (neuspešna) ter dva raziskovalna projekta za sodelovanje med Slovenijo in Poljsko (v ocenjevanju).

Poleg tega je InnoRenew CoE skupaj z Univerzo na Primorskem pridobil dva manjša projekta, financirana s strani Mestne občine Koper.

InnoRenew CoE building, research laboratories and equipment

In the year 2022 the InnoRenew CoE celebrated the grand opening of its new building in Izola. They also concluded with the investment in the research equipment, funded by the Ministry of Education, Science and Sport from the European Regional Development Fund. The research equipment is used in nine institute's research laboratories.

Stavba, raziskovalni laboratoriji in oprema InnoRenew CoE

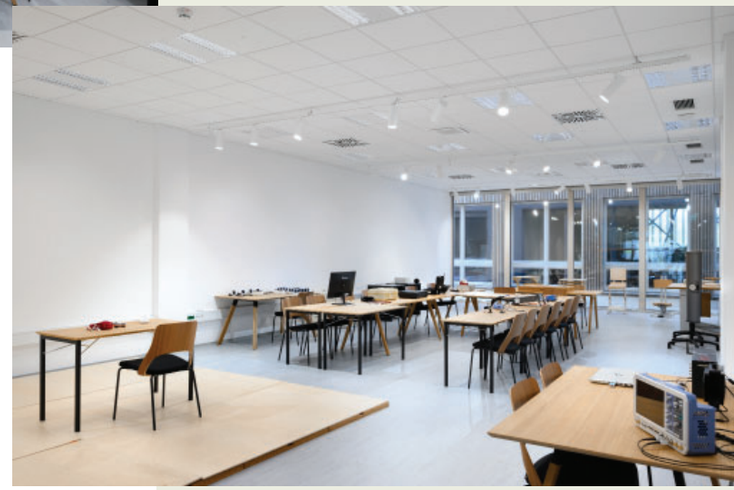
V letu 2022 je raziskovalni inštitut InnoRenew CoE s slavnostnim dogodkom praznoval odprtje svoje nove stavbe v Izoli in zaključil z investicijo v raziskovalno opremo, ki jo je financiralo Ministrstvo za izobraževanje, znanost in šport iz Evropskega sklada za regionalni razvoj. Raziskovalna oprema je namenjena za delo v devetih laboratorijih.

InnoRenew CoE building in Izola /
Stavba InnoRenew CoE v Izoli

Photos:
Miran Kambič

Human Health Laboratory

The Human Health Laboratory can be used to conduct studies that relate building design, use, indoor environmental quality, and materials to human health, well-being, and performance at home, work, and school across demographics. This laboratory offers state-of-the-art equipment to monitor and assess psychophysiological indicators, neurological indicators, musculoskeletal performance, anthropometry, indoor environmental quality, human activity, and behavior. These aspects, in combination with mental health assessments, can be measured under specific laboratory-engineered environmental conditions and psychosocial settings to learn about human responses to stress, environmental conditions, and tasks.



Fotografije:
Miran Kambič

Laboratorij za raziskovanje zdravja ljudi

Laboratorij za raziskovanje zdravja ljudi omogoča raziskave, ki proučujejo povezave med oblikovanjem zgradb, uporabo, kakovostjo notranjega okolja in materiali ter zdravjem, počutjem, delovno učinkovitostjo in drugimi dejavnostmi doma, v službi ali šoli pri osebah vseh starosti in spolov. Laboratorij ponuja najsodobnejšo opremo za spremljanje in vrednotenje psihofizioloških in nevroloških indikatorjev, mišično-skeletne zmogljivosti, antropometrije, kakovosti notranjega okolja ter aktivnosti uporabnikov in njihovega obnašanja. Te vidike, skupaj z ocenami kognitivnega stanja in zmogljivosti, se lahko vrednoti v različnih okoljskih in psiho-socialnih pogojih, s čimer se pridobi podrobne uvide v odzivanje človeka na stres, okoljske dejavnike, različne naloge in druge obremenitve.

Composites Laboratory

The Composites Laboratory is fully equipped for the preparation of bio-based composite materials. This laboratory has the capacity to produce composites via compression and thermo-hydro-mechanical treatments. Polymer blends and composites can also be manufactured through injection molding. In addition to conventional composite preparation, this laboratory contains state-of-the-art equipment that can produce thermochemically modified materials via torrefaction and carbonization, new adhesive formulations, and impregnated materials and composites. The Composites Laboratory also houses equipment for drying and conditioning as well as assessing fundamental bio-based material properties, including moisture content, density, weight, and other dimensions.

Laboratorij za kompozite

Laboratorij za kompozite vključuje opremo, ki omogoča izdelavo na biomaterialih temelječih kompozitov. V laboratoriju lahko kompozite izdelamo s stiskanjem in termično-hidro-mehansko obdelavo. Mešanice polimerov in kompozitov nastajajo z brizganjem. Poleg običajnih naprav, namenjenih kompozitom, je v laboratoriju tudi najsodobnejša oprema za izdelavo termokemično spremenjenih materialov (s pomočjo torefikacije in karbonizacije), novih lepil ter impregniranih materialov in kompozitov. V laboratoriju je nameščena tudi oprema za ocenjevanje temeljnih lastnosti materialov pretežno biotskega izvora (npr. vsebnost vlage, gostota, teža, dimenzije) ter za sušenje.

Photos:
Miran Kambič

Physical Testing Laboratory

The Physical Testing Laboratory has the capacity to assess the static, dynamic, and creep behavior of elastic, plastic, and viscoelastic materials. This laboratory has both a universal test machine and a creep testing machine with precisely controlled environmental chambers that allow investigation of short- and long-term viscoelastic behavior in natural materials. This lab is also equipped with in situ testing devices to assess building performance and component properties with micro- or nondestructive methods. The Physical Testing Laboratory can measure vibration periods and damping values as well as record precise 3D point clouds that can be used for further modelling or other parameter analysis, such as deformation measurements.

Laboratorij za fizikalna testiranja

Laboratorij za fizikalna testiranja omogoča ocenjevanje statičnega, dinamičnega in leznega obnašanje elastičnih, plastičnih in viskoelastičnih materialov. Univerzalni testirni stroj in stroj za merjenje leznih deformacij z natančno vodenimi okoljskimi komorami, raziskovalcem omogoča proučevanje viskoelastičnega kratkoročnega/dolgoročnega odziva. Laboratorij je opremljen tudi s testirnimi napravami za proučevanje lastnosti stavb in njihovih komponent na kraju samem z nedestruktivnimi ali mikrodestruktivnimi metodami. Laboratorij omogoča merjenje obdobij vibracij in vrednosti dušenja ter beleži natančne 3D oblake točk, ki se lahko uporabijo za nadaljnje modeliranje ali druge analize parametrov, kot so meritve deformacij.

Fotografije:
Miran Kambič

Characterization Laboratory

The Characterization Laboratory offers complex, multiscale characterization of bio-based materials. State-of-the-art instrumentation is available for acquiring spatial, chemical, and time domain information through routine materials characterization and customized methods. This laboratory has preparation tools to pre-process materials for measurement and can perform solvent, distillation, pressing, and sublimation methods of extraction. Target compounds can be separated by flash and column chromatography, solvent evaporation or filtration, freeze-drying or heating, and ultrasonic treatments. This lab has instruments for comprehensive characterization of bioactive compounds and flash preparative and purification chromatography for challenging applications. Semi- or nondestructive techniques allow for characterization of hygroscopic properties, contact angle, surface tension, chemical composition, thermal stability, roughness, and color. Spectroscopic equipment is available for measurement and performance evaluation of materials, both in lab and in situ. Software for advanced data mining and development of chemometric models can be used for prediction of materials properties.

Photos:
Miran Kambič

Laboratorij za karakterizacijo

Laboratorij za karakterizacijo omogoča celovito, večstransko karakterizacijo različnih materialov pretežno biotskega izvora. Na voljo so najsodobnejši instrumenti za pridobivanje prostorskih, kemičnih in časovnih informacij na podlagi tako rutinskih tehnik karakterizacije materialov kot prilagojenih problemsko usmerjenih metod. Laboratorij vsebuje več orodij za pripravo materialov in omogoča tehnike ekstrakcije, kot so ekstrakcija topila, destilacija, stiskanje in sublimacija. Ločevanje ciljnih spojin vključuje bliskovno in kolonsko kromatografijo, izhlapevanje ali filtracijo topila, liofilizacijo ali segrevanje in ultrazvočne obdelave. Laboratorij vsebuje tudi instrumente za celovito karakterizacijo bioaktivnih spojin ter bliskovno pripravljalno in prečiščevalno kromatografijo za zahtevne aplikacije. Širok nabor nedestruktivnih ali poldestruktivnih tehnik omogoča karakterizacijo higroskopskih lastnosti, kontaktnega kota, površinske napetosti, kemične sestave, toplotne stabilnosti, hrapavosti, barve. Naprave za spektroskopijo so namenjene merjenju in oceni učinkovitosti različnih materialov tako v laboratoriju kot na terenu, namenska programska oprema pa naprednemu iskanju podatkov in razvoju kemometričnih modelov za napovedovanje lastnosti materialov.

Microscopy Laboratory

The Microscopy Laboratory houses equipment for microscopic analysis of materials, composites, and products to provide insight for improved quality, performance, and identification. For proper sample preparation, this laboratory contains a Leica TXP target preparation device and a TIC 3X Ion Beam Mill. These polishing and ion milling devices can transform even the most challenging composite materials into near-perfect surfaces suitable for examination at the smallest scale by this laboratory's scanning electron microscope. The Microscopy Laboratory also contains a fluorescent microscope and a digital microscope for surface examination.

Fotografije:
Miran Kambič

Laboratorij za mikroskopiranje

Laboratorij za mikroskopiranje je opremljen z napravami za mikroskopsko analizo materialov, kompozitov in izdelkov, ki omogoča proučevanje in razumevanje njihovih lastnosti za izboljšavo kakovosti, učinkovitosti in prepoznavanja. Za pravilno pripravo vzorcev je laboratorij opremljen z napravo Leica TXP in mlinom z ionskimi žarki TIC 3X. S tema napravama za poliranje in ionsko mletje lahko celo pri najzahtevnejših kompozitnih materialih pripravimo skoraj popolne površine, primerne za proučevanje najmanjših delcev, z vrstičnim elektronskim mikroskopom (scanning electron microscope – SEM), ki je prav tako del laboratorijske opreme. Poleg teh naprav laboratorij vsebuje tudi optične mikroskope, vključno s fluorescentnim mikroskopom in digitalnim mikroskopom za analizo površin.

Acoustic Laboratory

We are well equipped for acoustic measurements in the field of architectural and building acoustics, noise control and dynamic characterization of structures (vibrations). For this wide range of measurements, we have state-of-the-art equipment, including acoustic cameras for measuring sound intensity and localizing noise sources. In addition, software solutions enable various acoustic simulations.

A part of the laboratory is the anechoic chamber with highly absorbing inner surfaces. In the chamber it is possible to characterize the frequency and directional properties of sound sources and to study the sound reflection from surfaces. In addition, the Ambisonics system is installed in the chamber, which realistically reproduces different acoustic environments and makes it possible to study the perceptual preferences for sound.

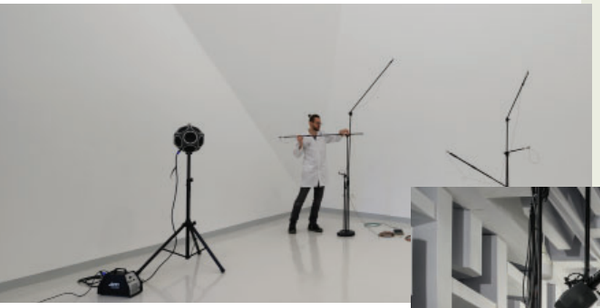
Another part of the laboratory is the reverberation chamber, whose long acoustic response allows measurements under the diffuse sound filed assumption. In the chamber, the sound absorption coefficients of materials and the sound power levels of noise sources can be determined according to the standardized measurement procedures.

Laboratorij za akustiko

Laboratorij je opremljen za izvajanje meritve na področju arhitekturne in gradbene akustike, obvladovanja hrupa ter dinamične karakterizacije struktur (vibracij). Za širok nabor meritev imamo vso potrebno sodobno merilno opremo, med katero sta tudi akustični kameri za merjenje akustične intenzitete in prepoznavanje lokacije hrupnih virov. Na voljo je tudi programska oprema za računalniško modeliranje akustike.

Del laboratorija je gluha soba z visoko zvočno vpojnimi obodnimi površinami, kar omogoča frekvenčno in smerno karakterizacijo zvočnih virov in raziskovanje odboja zvoka na površinah. V gluhi sobi je umeščen tudi zvočniški sistem Ambisonics, s katerimi lahko pristno poustvarjamo različna akustična okolja ter tako raziskujemo vpliv zvoka na človeka.

Del laboratorija je tudi odmevnica, v kateri dolg akustični odziv omogoča izvajanje meritev v približku difuznega zvočnega polja. Tako lahko z meritvami določimo absorpcijske lastnosti materialov ter akustične moči zvočnih virov skladno s področnimi merilnimi standardi.



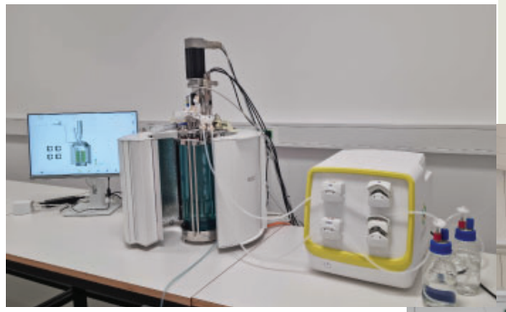
Photos / Fotografije:
Miran Kambič

Engineered Living Materials Laboratory

Engineered Living Materials Laboratory implements biomimetic principles for the development of new materials and modification processes. It allows fabrication and characterization of “smart”, active, or multifunctional materials composed either entirely, or partly, of living cells. The laboratory is equipped with various growth chambers, which makes it possible to control microbial growth. An automated colony counter allows high throughput analysis of microbial colonies including differentiation by colour, size, and shape. The microplate reader can be used for cellular proliferation assays in fluorescence, luminescence, and UV-Vis. The stirred jacketed photobioreactor is suitable for growth of phototrophic organisms. It has a fully removable light module, which allows it to be used as a traditional fermenter/bioreactor.

Laboratorij za žive inženirske materiale

V laboratoriju za žive inženirske materiale uporabljamo biomimetična načela za razvoj novih ali modifikacijo obstoječih materialov. Tako ustvarimo in karakteriziramo »pametne«, aktivne ali večfunkcijske materiale, ki jih, deloma ali v celoti, sestavljajo žive celice. V laboratoriju imamo različne rastne komore, v katerih lahko nadzorujemo rast mikrobov. Z avtomatskim števcem kolonij lahko v kratkem času analiziramo veliko število mikrobnih kolonij in jih ločimo po barvi, velikosti in obliki. S čitalcem mikrotitrnih plošč lahko s fluorescenco, luminiscenco ali pa v vidni in svetlobi UV spremljamo množenje celic. V oplaščenem mešalnem bioreaktorju lahko gojimo fototrofne organizme, če pa odstranimo svetila, pa ga lahko uporabimo kot tradicionalni fermentor/bioreaktor.



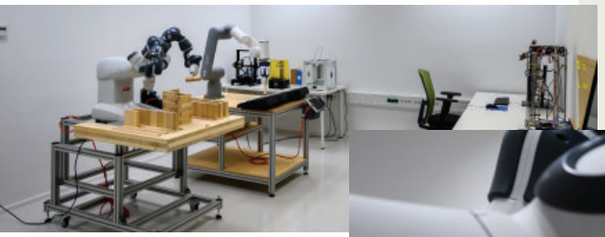
Photos / Fotografije:
InnoRenew CoE

Advanced Manufacturing and Digital Transformation Laboratory

The Advanced Manufacturing laboratory is a technological hub providing scientific support for a broad range of bio-based businesses as they adapt to Industry 4.0 and beyond. The research staff and equipment provide a unique foundation for the development of prototype software and hardware solutions that solve technical and theoretical problems associated with digital transformation. It includes digitalization of processes and quality-driven value chains as well as production engineering, modelling of complex systems and their optimization. The mechatronic development facility supports prototyping scanning systems for in-line characterization of biomaterials, as well as CNC additive/extractive manufacturing solutions adopted for bio-based technologies. A comprehensive set of hardware components allows rapid prototyping and demonstration for next generation automation of production processes including flexible collaborative robotics.

Laboratorij za napredne proizvodne tehnologije in digitalno preobrazbo

Laboratorij za napredne proizvodne tehnologije je tehnološko vozlišče, ki zagotavlja znanstveno podporo širokemu spektru podjetij, pri njihovem prilagajanju na industrijo 4.0. Raziskovalno osebje in razpoložljiva oprema omogočata razvoj prototipnih programskih in strojnih rešitev, ki rešujejo tehnične in teoretične probleme, povezane z digitalno transformacijo. To vključuje digitalizacijo procesov in vrednostnih verig, ki temeljijo na kakovosti, proizvodni inženiring, modeliranje kompleksnih sistemov in njihovo optimizacijo. Mehatronski razvojni objekt podpira prototipne sisteme za skeniranje za in-line karakterizacijo biomaterialov ter rešitev za proizvodnjo CNC, prilagojenih za tehnologije na biološki osnovi. Celovit nabor strojnih komponent omogoča hitro izdelavo prototipov in predstavitev za naslednjo generacijo avtomatizacije proizvodnih procesov, vključno s prilagodljivo robotike.



Photos / Fotografije:
Miran Kambič

Workshop and Machine Shop

The Workshop and Machine Shop has the technical staff and processes to prepare standard and customized samples from diverse natural materials and a wide range of derived composites. A full set of woodworking machines can manufacture samples of any size, shape, morphological characteristic, and surface finish, providing personalized solutions that address specific research needs. Machines and tools suitable for basic operations on metals and other materials are also available to create customized scientific equipment or related accessories, such as special tools, frameworks, grippers, forming moulds, and other items. Components and samples can be conditioned to the required moisture content in four reference climates by the Workshop and Machine Shop's climatic chambers.

Mizarska delavnica

Mizarska delavnica, ki ima vrhunsko usposobljeno osebje in tehnologijo, je namenjena pripravi standardnih in prilagojenih vzorcev različnih naravnih materialov ter široke palete izdelanih kompozitov. Nabor strojev za obdelavo lesa omogoča pripravo vzorcev vseh velikosti, oblik, morfoloških značilnosti in površinskih obdelav, ki prinašajo rešitve, prilagojene posebnim raziskovalnim izzivom. Delavnica je opremljena tudi s stroji in orodji za osnovno obdelavo kovin in drugih materialov, ki omogočajo izdelavo prilagojene znanstvene opreme ali podobnih dodatkov, kot so posebna orodja, ogrodja ali prijemala za oblikovanje kalupov. Sestavine in vzorce je mogoče kondicionirati na zahtevano vsebnost vlage v klimatskih komorah s štirimi referenčnimi klimatskimi pogoji.

Photos / Fotografije:
Miran Kambič

Laboratory equipment

The InnoRenew project represents an investment in infrastructure as well as the purchase and installation of equipment. It is co-financed by the European Regional Development Fund, within the framework of the Operational Programme for the Implementation of the EU Cohesion Policy in the period 2014–2020 in Slovenia, and the Republic of Slovenia's Ministry of Education, Science and Sport. The purpose is to build needed research infrastructure to provide top-level knowledge and carry out research and innovation in the field of renewable materials and healthy environments.

In 2022, 42 pieces of research equipment were purchased for InnoRenew CoE's laboratories, and 3 computer programs. Among the laboratory equipment, 3 pieces are dedicated to research in the acoustics laboratory, 10 in the characterization laboratory and 8 in the composites laboratory. Additionally, 5 pieces of equipment was purchased for research in the human health laboratory, 3 pieces in the microscopy laboratory and 10 pieces for physical testing. Two servers for the ICT system were also purchased. An extraction system was installed in the workshop and machine shop.

Office and other furniture in the building was supplied.

Laboratorijska oprema

Investicijski projekt InnoRenew je namenjen naložbi v izgradnjo infrastrukture ter nakupu in montaži opreme. Investicijski projekt sofinancirata Evropski sklad za regionalni razvoj v okviru Operativnega programa za izvajanje evropske kohezijske politike v obdobju 2014–2020 v Sloveniji in Ministrstvo za izobraževanje, znanost in šport Republike Slovenije. Namen investicije je izgradnja raziskovalne infrastrukture, ki je pomembna za zagotavljanje vrhunskega znanja ter za izvajanje raziskav in inovacij na področju obnovljivih materialov in zdravega bivanjskega okolja.

V letu 2022 je bilo pridobljenih 42 kosov laboratorijske opreme in 3 računalniški programi. Med laboratorijsko opremo so 3 kosi namenjeni raziskovanju v laboratoriju za akustiko, 10 v laboratoriju za karakterizacijo, ter 8 v laboratoriju za kompozite. Pridobljenih je bilo tudi 5 kosov opreme namenjene raziskovanju v laboratoriju za človekovo zdravje, 3 kosi v laboratoriju za mikroskopiranje in 10 za fizikalna testiranja. Prav tako sta bila kupljena 2 strežnika za IKT sistem. Izvedena je bila tudi inštalacija odsesovalnega sistema v mizarski delavnici.

Dobavili smo pisarniško in ostalo pohištvo v objektu.

Laboratory equipment purchased through the InnoRenew project in 2022 /
Laboratorijska oprema, pridobljena leta 2022 v okviru projekta InnoRenew

	Equipment / Oprema	Model / Model	Laboratory / Laboratorij
1	Set for low noise sound and vibration analysis	B&K Type 4955	Acoustic
2	Airflow resistance measurement device	AED AcoustiFlow	Acoustic
3	Diagnostic audiometer	AD226	Acoustic
4	Article size and surface charge analyser	Zetasizer Ultra, Malvern Panalytical	Characterization
5	Fermenter - bioreactor	Solaris Lab, ELARA ST	Characterization
6	SEC system	Malvern Panalytical, OMNISEC RESOLVE & REVEAL	Characterization
7	Irradiation chamber	Opsytec, BS-03 UV/VIS	Characterization
8	Reactors system	BUCHI, Polyclave, JULABO control system and SCHMIZO glass reactor	Characterization
9	Digester with UV	Kambič - D-700 P	Characterization
10	Density characterization setup	AccuPyc II 1345 - Pycnometer	Characterization
11	Analytical balance with table (XPR36/M)	Mettler Toledo – XPR36/M	Characterization
12	Analytical balance (XPR10001L/M)	Mettler Toledo – XPR10001L/M	Characterization
13	Halogen Moisture	Mettler Toledo – HX204/M	Characterization

	Equipment / Oprema	Model / Model	Laboratory / Laboratorij
14	Forklift	HELI CPD18-GB2LI	Composites
15	CNC system for the advanced manufacturing of biomaterials	ABB robots: ABB IRB 6620, IRB 14000 and CRB 15000	Composites
16	Overhead bridge crane	INDENNA – SWF KRANTECHNIK	Composites
17	Hydraulic testing system	Servo Hydraulic Solutions, LLC	Composites
18	Press	Langzauner, Type LZT-OK-270-L	Composites
19	Shredder	Robust – SD-45	Composites
20	Sieve shaker	Fritsch - AS450	Composites
21	Steam sterilizer - autoclave	Nuve – NC150	Composites
22	High performance server	Dell PowerEdge	Advanced Manufacturing and Digital Transformation Laboratory
23	High performance server	Dell PowerEdge	Advanced Manufacturing and Digital Transformation Laboratory
24	System for movement analysis and functional assessment	MicroGate OptoJump Next	Human Health
25	Tool for assessment and diagnostic of spine with software	IDIAG M360	Human Health
26	Digital carbon dioxide sensor and atmospheric pressure sensor	AHLBORN FY0D00C02B05	Human Health
27	Spectrometer for measurement of illuminance, correlated color temperature, color rendering index, flicker and spectral power distribution	Gossen Mavospec Base	Human Health
28	Particle counter with built-in camera	Extech VPC300	Human Health

	Equipment / Oprema	Model / Model	Laboratory / Laboratorij
29	Fluorescent microscope	EVOS M7000, ThermoFisher Scientific	Microscopy
30	Viscometer	Anton Paar – ViscoQC 300 - L	Microscopy
31	Powerful Ultrasonicator	Hielscher ultrasonic processor UP400St	Microscopy
32	Horizontal shaking table for the long-stroke shaker	APS Table Kit - Horizontal	Physical Testing
33	Screw Withdrawal Force Meter	Fakopp Screw withdrawal resistance meter	Physical Testing
34	Resistograph	IML-RESI PowerDrill	Physical Testing
35	DIC12MP: system for optical measurement of 3D displacements and deformations on the surface displacements	GOM Aramis 12 MP	Physical Testing
36	Drone Mavic Air 2	Dji MAVIC AIR 2 (S)	Physical Testing
37	Thermal cameras set	FLIR A70	Physical Testing
38	Thermal cameras set	FLIR A70	Physical Testing
39	Grinding jars and balls for Planetary Mill		Physical Testing
40	Data acquisition system	Stock Smart TVOC and HCHO sensor	Physical Testing
41	Bench Digital Multimeter	Keithley DMM7510 ½ Digit Multimeter	Physical Testing
42	Suction system	L.F.AIR-CONDITION	Workshop and Machine Shop

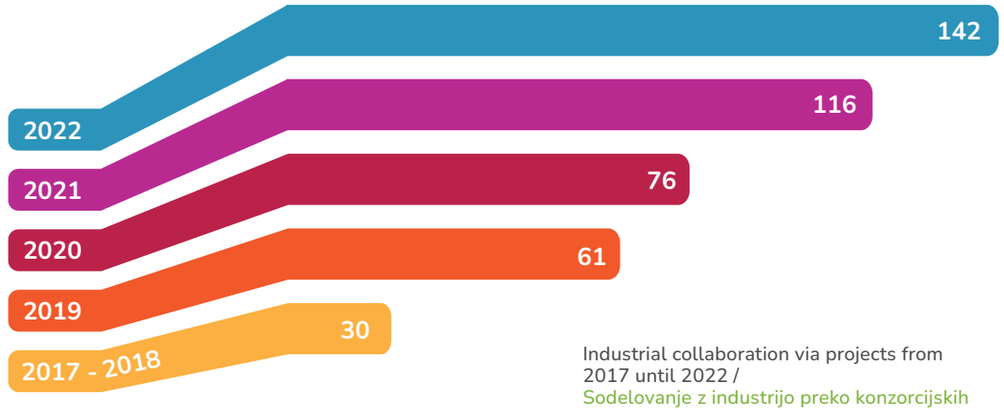
Industrial collaboration

In 2022, InnoRenew CoE collaborated with 142 partners from industry via projects or directly. Most industry partners come from Slovenia, but a large number are also international, including those from Austria, Australia, Belgium, Croatia, Estonia, Finland, France, Germany, Greece, Italy, the Netherlands, Norway, Portugal, Spain, Switzerland, Sweden and the United Kingdom.

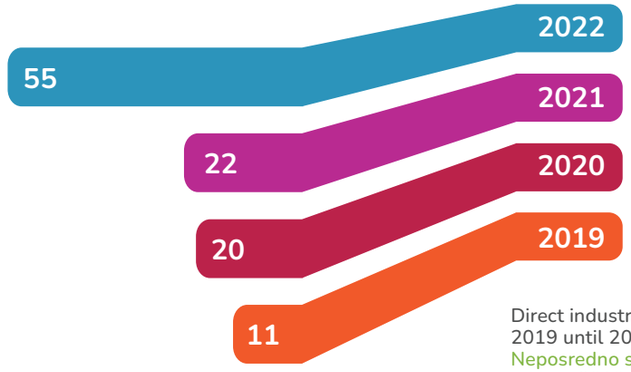
In the year 2017 and 2018 the InnoRenew CoE collaborated with 30 industrial partners, in 2019 with 61 partners, and in 2020 with 76 partners. Last year the collaboration with industrial partners was even stronger as the institute collaborated with 116 partners.

The institute has 55 direct industrial collaborators from Austria, Australia, Belgium, Colombia, Croatia, Denmark, Estonia, Finland, Germany, Hungary, Italy, Kosovo, Latvia, Norway, Portugal, Romania, Spain, Sweden, Slovenia and USA. Last year there was 22 partners with direct collaboration, in 2020 the institute collaborated with 20 partners and in 2019 the direct industrial collaboration was with 11 partners.

InnoRenew CoE's industry partners operate within the architecture, agricultural, biotechnology, construction, consulting, chemistry, cosmetics, data analysis, design, education, energy, engineering, food, furniture, health, information technology, logistics, manufacturing, robotics, spectroscopy, technology, and wood sectors.



Industrial collaboration via projects from 2017 until 2022 /
Sodelovanje z industrijo preko konzorcijskih projektov od leta 2017 do 2022



Direct industrial collaboration from 2019 until 2022 /
Neposredno sodelovanje z industrijo od leta 2019 do 2022

Sodelovanje z industrijo

V letu 2022 je InnoRenew CoE sodeloval s 142 industrijskimi partnerji, bodisi neposredno ali preko konzorcijskih projektov. Industrijski partnerji so iz Slovenije, veliko pa je tudi mednarodnih, in sicer iz Avstrije, Avstralije, Belgije, Hrvaške, Estonije, Finske, Francije, Italije, Nemčije, Nizozemske, Norveške, Portugalske, Španije, Švice, Švedske in Združenega kraljestva.

InnoRenew CoE je v letu 2017 in 2018 sodeloval s 30 industrijskimi partnerji, v letu 2019 z 61 partnerji, leta 2020 pa s 76 partnerji. Lani je bilo sodelovanje z industrijskimi partnerji še tesneje, sodelovali so namreč s 116 partnerji.

V letu 2022 je InnoRenew CoE neposredno sodeloval s 55 industrijskimi partnerji, in sicer iz Avstrije, Avstralije, Belgije, Danske, Estonije, Finske, Hrvaške, Kosova, Kolumbije, Madžarske, Nemčije, Norveške, Portugalske, Romunije, Španije, Švedske, Slovenije in ZDA. Leta 2021 je bilo industrijskih partnerjev z neposrednim sodelovanjem 22, leto prej 20 ter leta 2019 je InnoRenew CoE neposredno sodeloval z 11 industrijskimi partnerji.

Industrijski partnerji delujejo na področju arhitekture, analize podatkov, biotehnologije, energije, gradbeništva, hrane, izobraževanja, informacijske tehnologije, kemije, kozmetike, kmetijstva, lesa, logistike, oblikovanja, pohištva, proizvodnje, robotike, svetovanja, spektroskopije, tehnologije in zdravja.

	Industrial partner / Industrijski partner	Country / Država	Type of collaboration / Vrsta sodelovanja	Sector / Področje
1	Alfa Natura d.o.o.	Slovenia	National	Wood
2	Alples, d.d.	Slovenia	National	Manufacturing
3	Alpod d.o.o.	Slovenia	National	Manufacturing
4	Bestwood d.o.o.	Slovenia	National	Manufacturing
5	Bobič Yacht Interior d.o.o.	Slovenia	National	Manufacturing
6	CBD d.o.o.	Slovenia	National / Direct Collaboration	Construction
7	Doors, d.o.o.	Slovenia	National	Manufacturing
8	Gašper Trženje d.o.o.	Slovenia	National	Manufacturing
9	Gonzaga-Pro d.o.o.	Slovenia	National	Manufacturing
10	Hit Preless d.o.o.	Slovenia	National	Manufacturing
11	Kmetija Jernejevi	Slovenia	National	Agriculture
12	Kmetija Volk	Slovenia	National	Agriculture
13	Kmetija Žustovi	Slovenia	National	Agriculture
14	L.Ask d.o.o.	Slovenia	National	Manufacturing
15	Lip Bled, d.o.o.	Slovenia	National	Manufacturing
16	Lumar IG d.o.o.	Slovenia	National / Direct Collaboration	Engineering
17	M Sora d.d.	Slovenia	National / Direct Collaboration	Manufacturing
18	Maremico, d.o.o.	Slovenia	National	Furniture
19	Marko Mahne - nosilec dopolnilne dejavnosti na kmetiji	Slovenia	National	Agriculture
20	Marles hiše Maribor d.o.o.	Slovenia	National / Direct Collaboration	Manufacturing
21	Marles PSP d.o.o.	Slovenia	National	Manufacturing
22	Mizarstvo Florjančič d.o.o.	Slovenia	National	Manufacturing
23	Mlinar Pohištvo d.o.o.	Slovenia	National	Furniture
24	Morelj, Proizvodnja in razvoj d.o.o.	Slovenia	National	Manufacturing
25	Murales d.d.	Slovenia	National	Manufacturing
26	Podgorje d.o.o.	Slovenia	National	Manufacturing
27	Pohištvo Potočnik Aleš Potočnik s.p.	Slovenia	National	Manufacturing
28	Riko hiše d.o.o.	Slovenia	National / Direct Collaboration	Engineering
29	Stilles d.o.o.	Slovenia	National	Engineering
30	Stritih d.o.o.	Slovenia	National	Consulting
31	Tamara Urbančič s.p.	Slovenia	National	Education
32	Zavod Lesarski grozd	Slovenia	National	NGO
33	Adsysco BV	Netherlands	International	Consulting
34	Aep Polymers Srl	Italy	International	Chemistry
35	Arbonis	France	International	Construction
36	Arhel projektiranje in inženiring d.o.o.	Slovenia	International	Technology

	Industrial partner / Industrijski partner	Country / Država	Type of collaboration / Vrsta sodelovanja	Sector / Področje
37	Ascora Gmbh	Germany	International	ICT
38	Ava Biochem Bsl Ag	Switzerland	International	Chemistry
39	Avecom	Belgium	International	Biotechnology
40	B.T.G. Biomass Technology Group Bv	Netherlands	International	Consulting
41	Biochemize SL	Portugal	International	Agriculture
42	Blue Synergy SL	Spain	International / Direct Collaboration	Chemistry
43	Co-Robotics Srl	Italy	International	ICT
44	Domalys Sas	France	International	Consulting
45	Ecores Sprl	Belgium	International	Consulting
46	Eiffage Immobilier Sud Ouest	France	International	Services
47	Ericsson Nikola Tesla d.d.	Croatia	International	ICT
48	Eta - Energia, Trasporti, Agricoltura Srl	Italy	International	Energy
49	Eurizon SL	Spain	International	Agriculture
50	Finnlog OÜ	Finland	International	Construction
51	Foreco Dalfsen BV	Netherlands	International	Construction
52	Foresa Technologies SL	Spain	International	Chemistry
53	Galeo	France	International	Construction
54	Glintt Healthcare Solutions S	Portugal	International	Consulting
55	Hewlett Packard Italiana Srl	Italy	International	ICT
56	Hygiene Office	France	International	Services
57	Indra Sistemas SA	Spain	International	Logistics
58	Information catalyst for enterprise Ltd	UK	International	ICT
59	Ingecor Agroforestal SL	Spain	International	Agriculture
60	Maastricht Instruments BV	Netherlands	International	Technology
61	Mibelle Group Biochemistry, Mibelle AG	Switzerland	International	Cosmetic
62	Miebach	Germany	International	Engineering
63	Moelven Limtre AS	Norway	International	Wood
64	Moelven Toreboda AB	Sweden	International	Wood
65	Mowi Feed AS	Norway	International	Food
66	My Energia Oner SL	Spain	International	Energy
67	Natac Biotech, S.L.	Spain	International	Food
68	Nizo food research B.V.	Netherlands	International	Food
69	NNFCC Limited	UK	International	Consulting
70	Norconsult Informasjonssystemer AS	Norway	International	Engineering
71	Oleícola El Tejar, Ntra. Sra. De Araceli, Sdad. Coop. Andaluza	Spain	International	Food
72	Orthokey Italia Srl	Italy	International	Health
73	Robotnik Automation SL	Spain	International	Robotics
74	SenLab d.o.o.	Slovenia	International	ICT

	Industrial partner / Industrijski partner	Country / Država	Type of collaboration / Vrsta sodelovanja	Sector / Področje
75	Sentab Estonia OU	Estonia	International	ICT
76	Shine2europe Lda	Portugal	International	R&D
77	Smith and Wallwork engineers Ltd	UK	International	Construction
78	Sweco Norge AS	Sweden	International / Direct Collaboration	Chemistry
79	Teknologian tutkimuskeskus VTT Oy	Finland	International	R&D
80	Transfurans Chemicals Bvba	Belgium	International	Chemistry
81	TreFokus	Norway	International	Construction
82	TMF	Sweden	International	NGO
83	Zero Emissions Engineering BV	Netherlands	International	Technology
84	ZRS Architekten	Germany	International	Architecture
85	3biro d.o.o.	Slovenia	Direct Collaboration	Architecture
86	Aciv	Portugal	Direct Collaboration	Engineering
87	ABB d.o.o.	Slovenia	Direct Collaboration	Technology
88	ADD ProS d.o.o.	Slovenia	Direct Collaboration	ICT
89	Analitica d.o.o.	Slovenia	Direct Collaboration	ICT
90	Blendhub Global	Spain	Direct Collaboration	Food
91	Chamber of Architecture and Space of Slovenia	Slovenia	Direct Collaboration	Architecture
92	Chamber of Commerce and Industry of Slovenia	Slovenia	Direct Collaboration	Services
93	Chamber of Engineers of Slovenia	Slovenia	Direct Collaboration	Engineering
94	Chemometric Brain S.L.	Spain	Direct Collaboration	Food
95	Chemometrix GmbH	Germany	Direct Collaboration	Data analysis
96	Electrotechnical Association of Slovenia	Slovenia	Direct Collaboration	NGO
97	Elektronček d.o.o.	Slovenia	Direct Collaboration	Services
98	Geoit d.o.o.	Slovenia	Direct Collaboration	Construction
99	GraiNit SRL	Italy	Direct Collaboration	Spectroscopy
100	Henkel AG & Co. KGaA	Germany	Direct Collaboration	Manufacturing
101	Ibet OÜ	Estonia	Direct Collaboration	Design
102	iQwood d.o.o.	Slovenia	Direct Collaboration	Manufacturing
103	Italcol de occicente S.A	Colombia	Direct Collaboration	Manufacturing
104	Jelovica hiše d.o.o.	Slovenia	Direct Collaboration	Engineering
105	Jet travel degenforgalmi	Hungary	Direct Collaboration	Services
106	Karsus d.o.o.	Slovenia	Direct Collaboration	Construction
107	KLH Massivholz GmbH	Austria	Direct Collaboration	Manufacturing
108	Knauf insulation SPRL	Belgium	Direct Collaboration	Manufacturing

	Industrial partner / Industrijski partner	Country / Država	Type of collaboration / Vrsta sodelovanja	Sector / Področje
109	Koljern Nordic AB	Sweden	Direct Collaboration	Manufacturing
110	Kronospan Trading S.R.L.	Romania	Direct Collaboration	Wood
111	Langzauner GmbH	Austria	Direct Collaboration	Manufacturing
112	Lesnina MG oprema, d.d.,	Slovenia	Direct Collaboration	Furniture
113	Luka Koper d.d.	Slovenia	Direct Collaboration	Logistics
114	Melu d.o.o.	Slovenia	Direct Collaboration	Manufacturing
115	Norica Timber Vertrieb GmbH	Austria	Direct Collaboration	Manufacturing
116	Optik Instruments, d.o.o.	Slovenia	Direct Collaboration	Spectroscopy
117	Prishtina Mall Sh.a.	Kosovo	Direct Collaboration	Construction
118	proFagus GmbH	Germany	Direct Collaboration	Chemistry
119	PSG Procurement Services	Germany	Direct Collaboration	Services
120	Q-Interline A/S	Denmark	Direct Collaboration	Technology
121	Qualitade s.r.l.	Italy	Direct Collaboration	Agriculture
122	Raimund Beck KG Wire Staples	Austria	Direct Collaboration	Manufacturing
123	Raw d.o.o.	Slovenia	Direct Collaboration	Services
124	Rem d.o.o.	Slovenia	Direct Collaboration	Manufacturing
125	Rimac technology d.o.o.	Croatia	Direct Collaboration	Technology
126	Ritols	Latvia	Direct Collaboration	Furniture
127	RothoBlaas srl	Italy	Direct Collaboration	Manufacturing
128	RTV Slovenia	Slovenia	Direct Collaboration	Services
129	Securo AS	Norway	Direct Collaboration	Technology
130	Sema GmbH	Germany	Direct Collaboration	ICT
131	Sherpa Connection Systems GmbH	Austria	Direct Collaboration	Manufacturing
132	Shift d.o.o.	Slovenia	Direct Collaboration	Services
133	SRRS	Slovenia	Direct Collaboration	Services
134	StoraEnso Oyj	Finland	Direct Collaboration	Wood
135	Stratos svetovanje d.o.o.	Slovenia	Direct Collaboration	Consulting
136	Top line d.o.o.	Slovenia	Direct Collaboration	Services
137	Timberlink Australia	Australia	Direct Collaboration	Manufacturing
138	Ursa Slovenija d.o.o.	Slovenia	Direct Collaboration	Manufacturing
139	Varion d.o.o.	Slovenia	Direct Collaboration	Construction
140	Viavi Solutions	USA	Direct Collaboration	Technology
141	wood.be	Belgium	Direct Collaboration	Wood
142	Zavarovalnica Triglav, d.d.	Slovenia	Direct Collaboration	Services

Living Lab InnoRenew

In 2022, Living Lab InnoRenew had 120 members from 31 countries (59 small and medium-sized enterprises, 51 educational or research institutes, five regional development agencies and five individuals).

Living Lab InnoRenew offers activities and services according to membership status: gold, silver or associate. Currently, Living Lab InnoRenew has 11 gold members and 109 associates.

Živi laboratorij InnoRenew

Ob koncu leta 2022 ima Živi laboratorij InnoRenew 120 članov iz 31 držav. Od teh je 59 nacionalnih in mednarodnih malih in srednje velikih podjetij, 51 nacionalnih in mednarodnih izobraževalnih ustanov in raziskovalnih organizacij, pet regionalnih razvojnih agencij in pet zainteresiranih posameznikov.

Dejavnosti in storitve, ki jih ponuja Živi laboratorij InnoRenew, se razlikujejo glede na status članov: zlato, srebrno ali pridruženo članstvo. Živi laboratorij InnoRenew ima trenutno enajst zlatih in 109 pridruženih članov.

Gdańsk University of Technology – gold member of Living Lab InnoRenew

Also in the year 2022, Living Lab InnoRenew hosted lectures from Gdańsk University of Technology's expert researchers. Gdańsk University of Technology is a gold member of Living Lab InnoRenew.

Tehniška univerza v Gdańsku zlata članica Živega laboratorija InnoRenew

Živi laboratorij InnoRenew je tudi v letu 2022 gostil predavanja raziskovalcev iz Tehniške univerze v Gdańsku, ki je zlata članica laboratorija.

Invited lectures from Living Lab InnoRenew gold members /
Gostujoča predavanja zlate članice Živega laboratorija

Gdańsk University of Technology – gold member of Living Lab InnoRenew

Gdansk University of Technology (Gdansk Tech) has effectively educated engineering staff and cooperated with the social and economic environment for many years. In 2019, the university received research university status from the Polish Ministry of Science and Higher Education, ranked second among the 10 best universities in the country and considered the overall best among technical universities.

Gdansk Tech consistently maintains its high position in key academic classifications and is one of four Polish universities to be ranked among the 1000 best in the world according to the Times Higher Education World University Rankings. Since 2017, Gdansk Tech has been able to use the prestigious HR Excellence in Research logo, which is a mark of quality for applying the highest standards in scientific research.

Gdańsk University of Technology has become a gold member of Living Lab InnoRenew CoE in 2021. Golden membership of Gdansk Tech in Living Lab is funded by the project "Golden Membership in Living Lab InnoRenew", grant no DEC-1/2020/IDUB/II.1 in program Hydrogenium Supporting Membership In International Networks supported under the umbrella of Excellence Initiative – Research University by the Ministry of Science and Higher Education of Poland.

Gdansk Tech is represented in the Living Lab InnoRenew by the Living Lab GUT Interdisciplinary Research Group under the leadership of Dr Eng. Daniel Chuchala. The Living Lab GUT group associates researchers from various faculties of Gdansk Tech, which allows research issues to be analyzed in an interdisciplinary manner, resulting in a better understanding of the phenomena being analyzed. The scope of research activities of the Living Lab GUT group is very wide and includes, among others:

- Wood machining processes;
- Machinability properties of wood and wood based materials;
- Monitoring and analysis of wood machining processes using vibro-acoustic measurements;
- Wood drying process;
- Wood color analysis in CIELAB space;
- Dynamics and stiffness of wooden structures;
- Analysis effect of shocks (e.g. seismic) on wooden structures;
- Vibro-acoustic effects of transport modes on the environment;
- Application of wood and wood-based materials to modern architecture;
- Renovation of historic wooden buildings;
- Determination of the chemical structure of wood by infrared spectroscopy (FT-IR);
- Evaluation of the effect of chemical substances and physical factors used at various stages of wood processing on wood chemical structure;
- Analysis and application of natural polymers;
- Bio-based machining fluids;
- Bio adhesives for plywood production.

Tehniška univerza v Gdańsku zlata članica Živega laboratorija InnoRenew

Tehniška univerza v Gdańsku (Gdańsk Tech) že vrsto let učinkovito izobražuje študente različnih inženirskih smeri ter sodeluje z družbo in gospodarstvom. Leta 2019 je univerza od poljskega Ministrstva za znanost in visoko šolstvo prejela status raziskovalne univerze, se uvrstila na drugo mesto med desetimi najboljšimi univerzami v državi in velja za splošno najboljšo med tehniškimi univerzami.

Univerza dosledno ohranja visok položaj v ključnih razvrstitvah akademskih inštitucij in je ena od štirih poljskih univerz, ki so uvrščene med 1000 najboljših na svetu po lestvici Times Higher Education World University Rankings. Od leta 2017 Gdańsk Tech uporablja prestižni logotip odličnosti pri kadrovskem upravljanju z raziskovalci (HR Excellence in Research), ki je znak kakovosti za uporabo najvišjih standardov na področju znanstvenih raziskav.

Gdańsk Tech je leta 2021 postala zlata članica Živega laboratorija InnoRenew CoE. Zlato članstvo je financirano v okviru projekta "Golden Membership in Living Lab InnoRenew" (DEC-1/2020/IDUB/II.1), v programu Hydrogenium Supporting Membership In International Networks, ki ga pod okriljem Pobude za odličnost – raziskovalne univerze podpira poljsko Ministrstvo za znanost in visoko šolstvo.

V Živi laboratorij InnoRenew je vključena interdisciplinarna raziskovalna skupina Živi laboratorij GUT pod vodstvom dr. ing. Daniela Chuchale. Skupina združuje raziskovalce različnih fakultet Gdańsk Tech, kar omogoča interdisciplinarno analiziranje raziskovalnih vprašanj in vodi k boljšem razumevanju proučevanih pojavov. Obseg raziskovalnih dejavnosti skupine Živi laboratorij GUT je zelo širok in med drugim vključuje:

- Postopke strojne obdelave lesa;
- Lastnosti lesa in materialov iz lesa, pomembne za njihovo strojno obdelavo;
- Spremljanje in analizo procesov strojne obdelave lesa z uporabo vibro-akustičnih meritev;
- Postopke sušenja lesa;
- Analizo barve lesa s sistemom CIELAB;
- Dinamične in togostne lastnosti lesenih konstrukcij;
- Analizo vpliva šokov (npr. seizmičnih) na lesene konstrukcije;
- Vibro-akustične učinke različnih vrst prevoza na okolje;
- Uporabo lesa in materialov iz lesa v sodobni arhitekturi;
- Obnovo zgodovinskih lesenih stavb;
- Ugotavljanje kemične strukture lesa z infrardečo spektroskopijo (FT-IR);
- Vrednotenje vpliva kemičnih snovi in fizikalnih dejavnikov, ki se uporabljajo v različnih fazah obdelave lesa, na kemijsko sestavo lesa;
- Analizo in uporabo naravnih polimerov;
- Proučevanje tekočin biotskega izvora, ki jih uporabljamo pri procesih strojne obdelave;
- Bio lepila za proizvodnjo vezanega lesa.

Events

InnoRenew CoE organized and co-organized 58 events in 2022.

In the years 2017 and 2018 InnoRenew CoE organized 23 international events, the following year 24 events and in the year 2020, marked by the COVID-19 pandemic, 14 international events. Last year InnoRenew CoE organized 49 events, some were in-person and some were online.

The organized events in 2022 are including workshops, meetings, trainings, exhibitions, celebrations and international conferences.

In addition, the InnoRenew CoE hosted 39 visiting groups, including several high-level guests such as the German Ambassador, representatives of the American and French Embassies in Slovenia, and ministers. InnoRenew CoE also hosted various associations, representatives of Slovenian and foreign companies, and students from Slovenian and foreign elementary schools, high schools and universities.

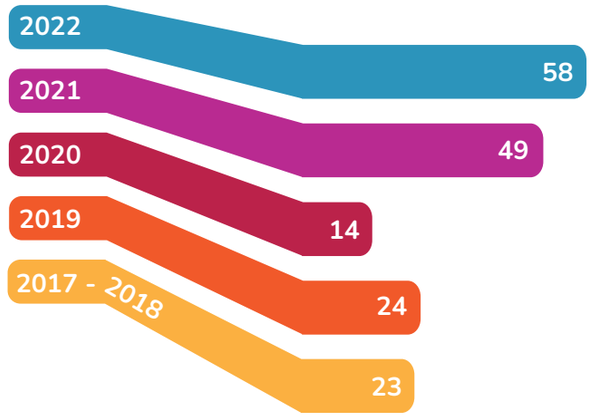
Organizirani dogodki

V letu 2022 je InnoRenew CoE organiziral in soorganiziral 58 dogodkov.

V letu 2017 in 2018 je InnoRenew CoE organiziral 23 mednarodnih dogodkov, leto kasneje 24, v letu 2020, ki ga je zaznamovala pandemija covida-19 pa 14 mednarodnih dogodkov. V letu 2021 je InnoRenew CoE organiziral 49 dogodkov, bodisi v živo, ali po spletu.

Med organiziranimi dogodki v letu 2022 so bile delavnice, srečanja, izobraževanja, posebne prireditve, razstave, slovesnosti in mednarodne konference.

Poleg tega je InnoRenew CoE gostil 39 organiziranih večjih skupin, med katerimi so bili tudi številni visoki gosti, kot na primer ambasadorka Nemčije, predstavniki ameriške in francoske ambasade v Sloveniji ter ministri. InnoRenew CoE je gostil tudi razna združenja, predstavnike slovenskih in tujih podjetij ter učence, dijake in študente slovenskih in tujih šol in fakultet.



Events organized from 2017 until 2022 /
Organizirani dogodki od leta 2017 do 2022

Grand opening of InnoRenew CoE's new building

On 15th February 2022 InnoRenew CoE celebrated the grand opening of its new building in Izola with a ceremony attended by the institute's partners and special guests. With the event, the institute has acquired a unique facility for research and innovation in the field of renewable materials and healthy built environments. Further, the ceremony marked the institute's fifth anniversary. The event was attended by more than 160 participants.

Slavnostno odprtje nove stavbe InnoRenew CoE

15. februarja 2022 je InnoRenew CoE s slavnostnim dogodkom praznoval odprtje svoje nove stavbe v Izoli, skupaj s partnerji in visokimi gosti. Z dogodkom ob odprtju novo zgrajenega doma in pridobitvi edinstvenega objekta za raziskave in inovacije na področju obnovljivih materialov in zdravega bivanjskega okolja, so v InnoRenew CoE proslavili tudi svojo peto obletnico obstoja. Dogodka se je udeležilo več kot 160 povabljencev.

Ribbon-cutting ceremony (From left to right: Bogdan Božac, Danilo Anton Ranc, Eva Prelovšek Niemela, dr. Andreja Kutnar, dr. Mitja Slavinec, Uroš Kodelja, Miha Brlan) / Slavnostni prerez traku (Na fotogtafiji z leve: Bogdan Božac, Danilo Anton Ranc, Eva Prelovšek Niemela, dr. Andreja Kutnar, dr. Mitja Slavinec, Uroš Kodelja, Miha Brlan)

1st sensorFINT International Conference

InnoRenew CoE and the University of Primorska hosted the 1st sensorFINT International Conference of COST Action 19145 – European Network for assuring food integrity using non-destructive spectral sensors, dedicated to “Non-Destructive Spectral Sensors advances and future trends,” held from 10–12 May 2022. More than 100 important research and industry practitioners gathered in the InnoRenew CoE building to discuss innovations in the filed.

1. mednarodna konferenca SensorFINT

InnoRenew CoE in Univerza na Primorskem sta 10. in 12. maja 2022 gostila 1. mednarodno konferenco SensorFINT v okviru akcije COST 19145 »European Network for assuring food integrity using non-destructive spectral sensors« na temo »Non-Destructive Spectral Sensors advances and future trends«. Več kot 100 raziskovalcev in predstavnikov industrije iz celega sveta se je zbralo v stavbi InnoRenew CoE, da bi razpravljali o inovacijah s področja.

1st sensorFINT International Conference of COST Action 19145/
1. mednarodna konferenca SensorFINT v okviru akcije COST 19145

1st International Conference for COST Action HELEN

InnoRenew CoE hosted more than 80 international experts at the 1st International Conference for COST Action 20139 — “Holistic design of taller timber buildings” (HELEN) in May 2022.

1. mednarodna konferenca akcije COST HELEN o gradnji visokih lesenih zgradb

V mesecu maju 2022, je InnoRenew CoE gostil več kot 80 mednarodnih strokovnjakov na 1. konferenci, sestankih upravnega odbora in sestankih delovnih skupin akcije COST – »Holistic design of taller timber buildings« (HELEN).

1st International Conference for COST Action HELEN /
1. mednarodna konferenca akcije COST HELEN

The international congress Woodrise 2022

The Woodrise 2022 congress was held on 6-7 September 2022 under the honorary patronage of the President of the Republic of Slovenia Borut Pahor. More than 200 international participants attended the congress to listen to lectures about the best examples of sustainable construction from around the world. From 8–9 September 2022, attendees joined the technical and business tours of the construction and wood processing industry in Slovenia and the surrounding region.

Mednarodni kongres Woodrise 2022

Mednarodni kongres Woodrise 2022 je potekal med 6. in 7. septembrom 2022 pod častnim pokroviteljstvom predsednika Republike Slovenije Boruta Pahorja. Več kot 200 mednarodnih udeležencev je na kongresu prisluhnilo predavanjem o najboljših primerih trajnostne gradnje s celega sveta. Naslednja dva dneva (8. in 9. september 2022) pa sta bila namenjena strokovnim ekskurzijam in poslovnim obiskom glavnih akterjev s področja gradbene in lesnopredelovalne panoge v Sloveniji in bližnji okolici.

President of the Republic of Slovenia Borut Pahor at the Woodrise 2022 opening ceremony /
Predsednik Republike Slovenije Borut Pahor na otvoritveni slovesnosti mednarodnega kongresa Woodrise

InnoRenew CoE International Conference 2022

The InnoRenew CoE International Conference 2022, “Rethinking buildings and materials for a sustainable future”, took place 17-18 November 2022. More than 60 international experts and scientists gathered in the InnoRenew CoE building. During four thematic sessions participants could learn bout environmentally friendly and energy-efficient materials and practices to improve the built environment, state-of-the-art solutions for building design and assessment, built environments for well-being and how to bridge the gap between research and society.

Mednarodna konferenca InnoRenew CoE 2022

Med 17. in 18. novembrom 2022 je potekala mednarodna konferenca InnoRenew CoE 2022 »Na novo premišljene stavbe in materiali za trajnostno prihodnost«. V stavbi InnoRenew CoE se je zbralo več kot 60 mednarodnih strokovnjakov in znanstvenikov. V sklopu štirih tematskih sklopov so udeleženci prisluhnili predstavitvam o okolju prijaznih in energetsko učinkovitih materialih ter praksah za izboljšanje grajenega okolja, najsodobnejših rešitvah za načrtovanje in ocenjevanje stavb, grajenem okolju za dobro počutje ter o načinih za premostitev vrzeli med raziskavami in družbo.

InnoRenew CoE International Conference 2022 /
Mednarodna konferenca InnoRenew CoE 2022

Awards and highlighted achievements in 2022

In 2022, InnoRenew CoE employees received awards recognizing the quality and importance of their work. Faksawat Poohphajai, InnoRenew CoE assistant researcher, was an awardee of the Ron Cockcroft Award given by the International Research Group on Wood Protection (IRG). Dr. Jakub Sandak, InnoRenew CoE researcher received the Sensor Challenges Award. Dr. Michael Burnard, InnoRenew CoE Deputy director, was appointed as Professor of Practice in Sustainable Wood Construction and Healthy Living Environments at the Faculty of Agriculture and Forestry, University of Helsinki. He will be working closely on the development of new buildings currently being constructed from wood at the historical Hyytiälä Forestry Field Station. His research focuses on sustainable construction and the consideration of human health as part of construction.

Additionally, Dr. Anna Sandak successfully received a European Research Council (ERC) Consolidator Grant for the project Bioinspired living skin for architecture (ARCHI-SKIN). She and her team will use the funding to develop a protective biofilm made from engineered living materials. Recognized as one of the most stable biological systems on earth, most biofilm studies focus on preventing their formation. The beneficial use of biofilms for protection has largely been unexplored. Dr. Sandak and her team aim to change this during the five-year ARCHI-SKIN project.

ARCHI-SKIN researchers will explore the design principles underlying fungal biofilm to advance knowledge about the biological system's chemistry-structure-properties. Mechanisms of biofilm formation, structure, function and performance will be studied. The ARCHI-SKIN project will use cutting-edge tools in life cell imaging, data science and machine learning. The idea is to develop a bioactive protective coating system that works in harmony with nature and benefits from the synergetic efforts of living fungal cells, bio-based ingredients and bioinspired concepts for materials design.

A biofilm that protects biomaterial, concrete, plastic and metal surfaces will be developed. One remarkable functionality will be its natural self-healing property. ARCHI-SKIN's novel approach to materials protection will advance the development of engineered living materials that can interact, adapt and respond to environmental changes. The project will provide a new dimension that has not existed for materials—life—and change how we perceive, experience, understand, design, use and transform materials.

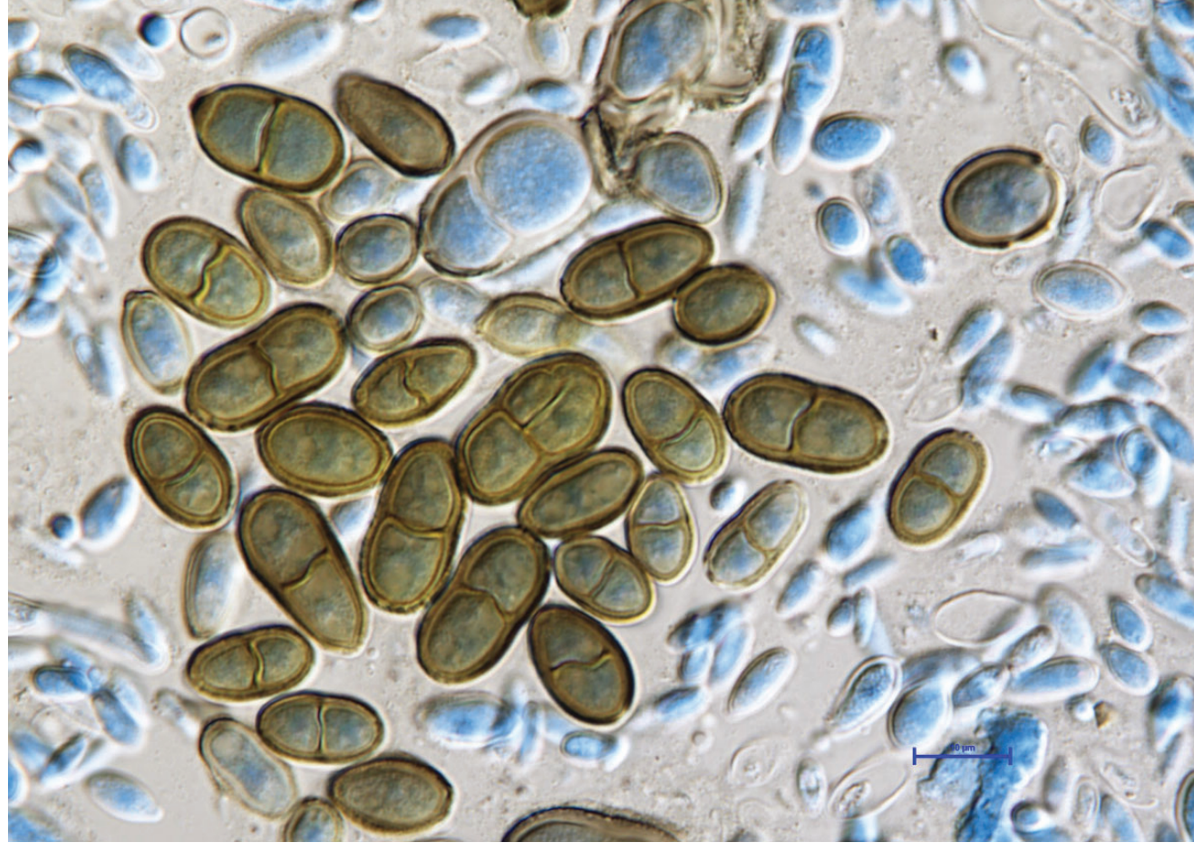


Foto: Faksawat Poohphajai

Nagrade in izpostavljeni dosežki v letu 2022

V letu 2022 so nekateri zaposleni v InnoRenew CoE prejeli nagrade, ki dokazujejo kakovost in pomembnost njihovega dela. Faksawat Poohphajai, raziskovalna asistentka v InnoRenew CoE je bila med prejemniki nagrade Ron Cockcroft Award, ki ji je omogočila udeležbo na mednarodni raziskovalni konferenci o zaščiti lesa – The International Research Group on Wood Protection (IRG). Dr. Jakub Sandak, raziskovalec v InnoRenew CoE pa je prejel nagrado Sensor Challenges Award. Dr. Michael Burnard, namestnik direktorice v InnoRenew CoE, je bil imenovan za profesorja prakse na področju trajnostne gradnje in zdravih bivalnih okolij na fakulteti Faculty of Agriculture and Forestry, na Univerzi v Helsinkih. Tesno bo sodeloval pri razvoju novih stavb, ki se trenutno gradijo iz lesa na zgodovinski terenski postaji Hyytiälä. Raziskave se osredotočajo na trajnostno gradnjo in upoštevanje zdravja ljudi kot dela gradnje.

Poleg tega je bila dr. Anna Sandak uspešna pri pridobivanju projekta Evropskega raziskovalnega sveta (ERC) za utrjevanje samostojne raziskovalne kariere Bioinspired living skin for architecture (ARCHI-SKIN). V pridobljenem projektu se bodo raziskovalci ukvarjali z razvojem zaščitnega biotskega premaza, izdelanega iz inženirsko izdelanih živih materialov. Biofilmi se oprijemajo trdnih površin, sestavljajo pa jih združbe bakterij in drugih mikroorganizmov, veljajo pa za enega najbolj stabilnih bioloških sistemov na našem planetu. Večina študij o biofilmih se osredotoča na preprečevanje njihovega nastajanja, medtem ko ostajajo koristni načini uporabe biofilmov za zaščito še zelo neraziskani. V pet let trajajočem projektu bodo raziskovalci preučevali načela oblikovanja glivnega biofilma, z namenom poglobitve znanja o kemijskih in strukturnih lastnostih tega biološkega sistema. To vključuje mehanizme nastajanja biofilma, njegovo strukturo, delovanje in učinkovitost. Projekt bo več kot le laboratorijsko raziskovanje, saj bomo uporabili najnovejša orodja za slikanje živih celic, podatkovno znanost in strojno učenje. Temeljna ideja je namreč razviti bioaktivni zaščitni premazni sistem, ki deluje v harmoniji z naravo in izkorišča sinergijo živih glivnih celic, naravnih sestavin in bioinspiriranih konceptov za oblikovanje materialov.

V sklopu projekta bodo razvili biofilm, ki med drugim ščiti površine biomaterialov, betona, plastike in kovin. Ena od njegovih izjemnih funkcij je naravno samozdravljenje. Nov pristop za zaščito materialov, ki ga bodo v projektu uporabili, bo nadgradil tradicionalno razumevanje materialov v smeri razvoja inženirsko izdelanih živih materialov, ki so sposobni interakcije z okoljem in prilagajanja ter odzivanja na spremembe v njem. Projekt ARCHI-SKIN bo zagotovil novo dimenzijo, dimenzijo življenja, ki se doslej pri materialih ni uporabljala. To bo spremenilo način, kako dojemamo, doživljamo, razumemo, oblikujemo, uporabljamo in preoblikujemo materiale.

Dissemination and outreach

InnoRenew CoE employees attended 7 national and 58 international conferences in 2022. In-person events took place in Austria, Australia, Belgium, Croatia, Cyprus, Estonia, France, Finland, Germany, Hungary, Italy, Latvia, Netherlands, Portugal, Republic of Korea, Slovenia, Sweden, Spain, Switzerland, and the United States.

In the years 2017 and 2018 InnoRenew CoE employees participated at 22 national and 59 international conferences, in the year 2019 at 15 national conferences and 58 international conferences, and in the year 2020 at 12 national and 48 international conferences. Last year InnoRenew CoE employees attended 12 national and 65 international conferences.

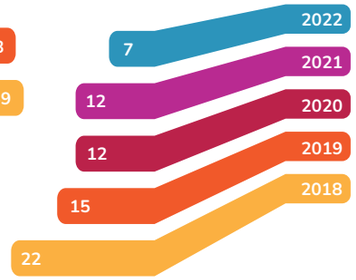
Outreach

InnoRenew CoE targets national and international audiences through multiple channels, including the institutional website (innorenew.eu), to keep the public informed about the institute's activities and results. In 2022, 236 news items and seven newsletters were prepared as well as 48 feature articles that were also shared each Wednesday on social media under #WednesdayRead.

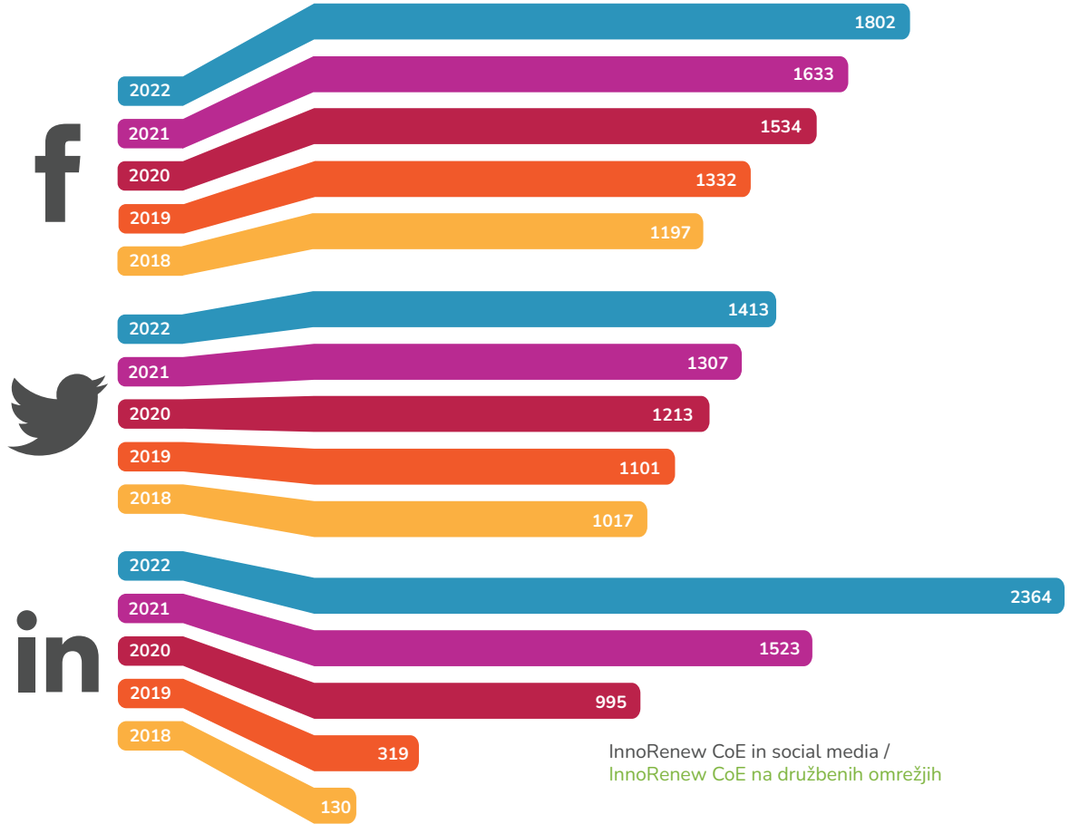
In 2022, InnoRenew CoE's website was visited 49,556 times. Approximately 41 % of users are from Slovenia and approximately 6.9 % are from Germany, 6.5 % are from the United States, 4.7 % from China, 3 % from France, 2.8 % from the United Kingdom, 2.3 % from Italy, 2.1 % from the Netherlands, 1.6 % from Austria and Spain, and others were from other countries. InnoRenew CoE is active on social media with 1802 likes on Facebook, 1413 followers on Twitter, 2364 followers on LinkedIn and 85 videos posted to its YouTube channel.

In 2022, InnoRenew CoE was featured in 387 newspaper articles, 15 television shows and 12 radio programs.

InnoRenew CoE employees participation at international conferences/
Udeležba zaposlenih InnoRenew CoE na mednarodnih konferencah



InnoRenew CoE employees participation at national conferences/
Udeležba zaposlenih InnoRenew CoE na nacionalnih konferencah



InnoRenew CoE in social media /
InnoRenew CoE na družbenih omrežjih

Razširjanje rezultatov in obveščanje

V letu 2022 so se zaposleni v InnoRenew CoE udeležili 7 nacionalnih in 58 mednarodnih konferenc. Dogodki, ki so potekali v živo, so bili organizirani v Avstriji, Avstraliji, Belgiji, Cipru, Estoniji, Franciji, Finski, Hrvaški, Italiji, Koreji, Latviji, Madžarski, Nemčiji, Nizozemski, Portugalski, Sloveniji, Švedski, Švici, Španiji in ZDA.

V letu 2017 in 2018 so se zaposleni v InnoRenew CoE udeležili 22 nacionalnih in 59 mednarodnih konferenc, leta 2019 so se udeležili 15 nacionalnih in 58 mednarodnih konference, v letu 2020 pa 12 nacionalnih in 48 mednarodnih konferenc. Lansko leto so se zaposleni v InnoRenew CoE udeležili 12 nacionalnih in 65 mednarodnih konferenc.

Obveščanje

InnoRenew CoE za obveščanje slovenske in mednarodne javnosti uporablja številne kanale, vključno s svojo spletno stranjo (innorenew.eu). V letu 2022 je objavil 236 novic in sedem novičnikov. Na družbenih omrežjih se poleg rednih novic pod ključnikom #WednesdayRead vsako sredo deli zanimiv prispevek, objavljen na spletni strani InnoRenew CoE. V letu 2022 je bilo objavljenih 48 takih prispevkov.

Spletna stran InnoRenew je imela 49,556 obiskov. Približno 41 odstotkov vseh uporabnikov je iz Slovenije, približno 6.9 odstotkov iz Nemčije, 6.5 iz ZDA, 4.7 iz Kitajske, 3 iz Francije, 2.8 iz Združenega kraljestva, 2.3 iz Italije, 2.1 iz Nizozemske in 1.6 iz Avstrije in Španije, ostali pa so iz ostalih držav sveta. Dejavni smo tudi na naših spletnih družbenih omrežjih na Facebooku, Twitterju, LinkedInu in YouTubu, kjer se število aktivnih obiskovalcev in sledilcev še naprej povečuje. Na koncu leta 2022 smo zabeležili 1802 všečkov na Facebooku, 1413 sledilcev na Twitterju in 2364 na LinkedInu, na kanalu YouTube pa naloženih 85 videoposnetkov.

V letu 2022 je bil InnoRenew CoE predstavljen in omenjen v 387 nacionalnih in mednarodnih časopisih ter revijah, v 15 televizijskih programih in 12 radijskih oddajah.

Trainings and meetings

Trainings

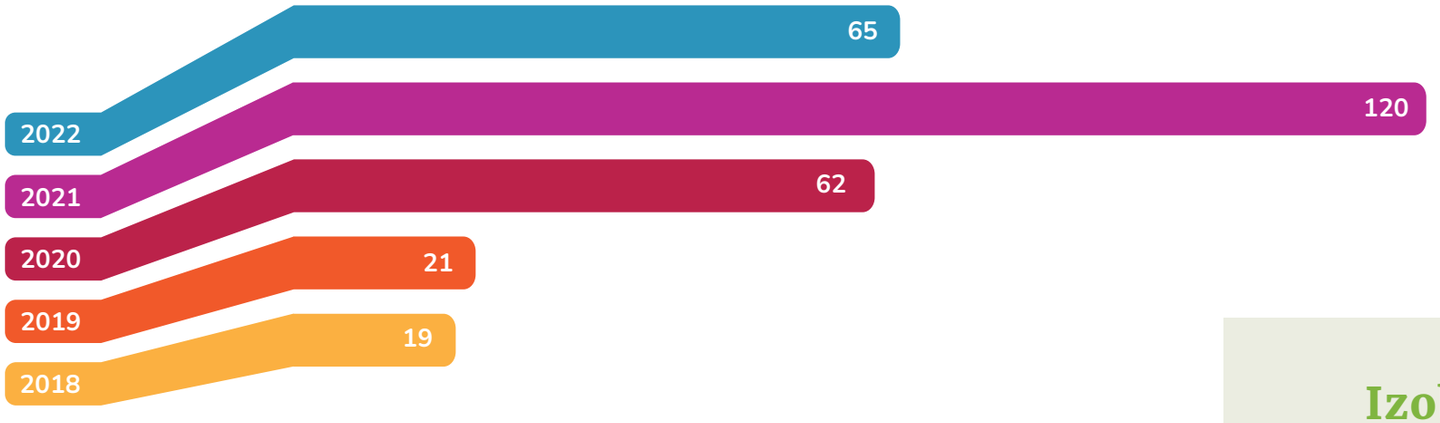
InnoRenew CoE employees attended 65 trainings and workshops in 2022.

In the years 2017 and 2018 InnoRenew CoE employees participated at 19 trainings and workshops, in the year 2019 at 21 trainings and workshops, and in the year 2020 at 62 trainings and workshops. Last year InnoRenew CoE employees attended 120 trainings and workshops.

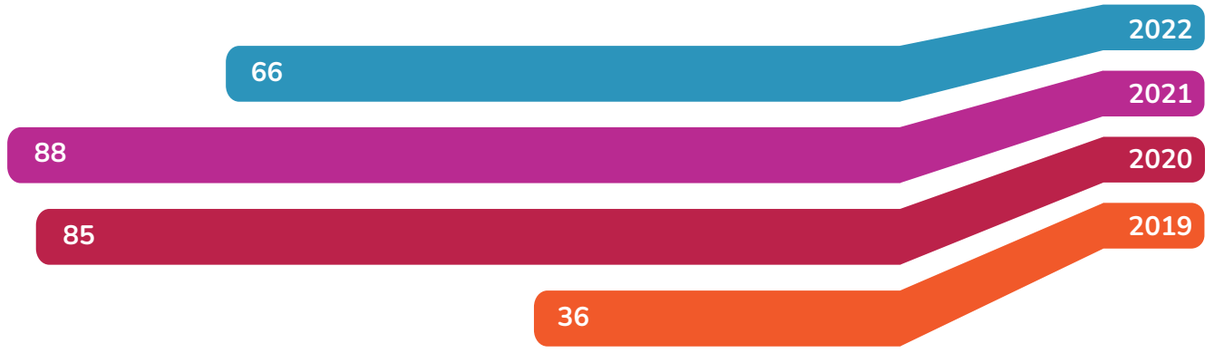
Meetings

In 2022, InnoRenew CoE employees attended 66 professional society, COST Action, research project and industrial meetings.

In the year 2019 InnoRenew CoE employees attended 36 meetings, and in the year 2020 at 85 meetings. Last year InnoRenew CoE employees attended 88 meetings.



InnoRenew CoE employees participation at trainings/
Udeležba zaposlenih InnoRenew CoE na izobraževanjih



InnoRenew CoE employees participation at meetings /
Udeležba zaposlenih InnoRenew CoE na srečanjih

Izobraževanja in srečanja

Izobraževanja

V letu 2022 so zaposleni v InnoRenew CoE sodelovali na 65 nacionalnih in mednarodnih izobraževanjih in delavnicah.

V letu 2017 in 2018 so se zaposleni v InnoRenew CoE udeležili 19 izobraževanj in delavnic, v letu 2019 pa 21. Leta 2020 je bilo takih udeležb 62, v lanskem letu pa so zaposleni v InnoRenew CoE sodelovali na 120 nacionalnih in mednarodnih izobraževanjih in delavnicah.

Srečanja

V letu 2022 so se zaposleni v InnoRenew CoE udeležili 66 srečanj, vključno s sestanki upravnih odborov strokovnih združenj in akcij COST. Kot aktivni člani so sodelovali tudi na sestankih raziskovalnih projektov in projektov z industrijskimi partnerji.

V letu 2019 so se udeležili 36 srečanj, leta 2020 pa 85 srečanj. Lansko leto so se zaposleni v InnoRenew CoE udeležili 88 srečanj.

Research visits

InnoRenew CoE employees undertook five extended research visits abroad in 2022.

Raziskovalni obiski

V letu 2022 so zaposleni v InnoRenew CoE opravili pet daljših raziskovalnih obiskov v tujini.

InnoRenew CoE employee research visits abroad in 2022 /
Raziskovalni obiski, ki so jih zaposleni v InnoRenew CoE leta 2022 opravili v tujini

	Employee / Zaposleni	Research visit / Raziskovalni obisk	Location / Lokacija	Date / Datum
1	Oihana Gordobil	Research visit to TU Wien Vienna University of Technology	Austria	22.01.2022-05.02.2022
2	Darjan Smajla	Research visit to University of Granada, Faculty of Sport Sciences	Spain	06.02.2022-10.05.2022
3	Mariem Zouari	Short Term Scientific Mission. CA17107 - European Network to connect research and innovation efforts on advanced Smart Textiles	Italy	14.03.2022-08.04.2022
4	Albert Kravos	School of chemometrics	Denmark	01.05.2022-28.05.2022
5	Michael Burnard	Research visit to University of Helsinki	Finland	13.04.2022-13.07.2022

Memberships

Institutional

InnoRenew CoE holds organizational memberships in 10 associations that are important to the institute's research.

Članstva

Članstva InnoRenew CoE

InnoRenew CoE je član desetih združenj, ki so pomembna za raziskovalna področja inštituta.

InnoRenew CoE institutional memberships /
Članstva InnoRenew CoE v združenjih

	Organization / Združenje	Membership / Članstvo
1	InnovaWood	Full
2	European Forestry Institute	Associate
3	EURAXESS – Researchers in Motion	Contact Point
4	Woodrise International Alliance	Member
5	Slovenian Institute for Standarization	Member
6	Strategic Research and Innovation Partnership Smart Buildings and Home Including Wood Chain	Member
7	Strategic Research and Innovation Partnership Network for the Transition into Circular Economy	Member
8	New European Bauhaus	Partner
9	Wood4Bauhaus Alliance	Member
10	Built4People - People-centric sustainable built environment	Member

COST Actions

In 2022, the institute has employees engaged in 22 thematically appropriate COST Actions. COST (European Cooperation in Science and Technology) Actions are useful platforms to enhance researchers' networking.

Akcije COST

Zaposleni v InnoRenew CoE so bili v letu 2022 vključeni v 22 tematsko ustreznih akcij COST. Akcije COST (European Cooperation in Science and Technology) so zelo koristna in uporabna platforma, ki spodbuja mreženje.

InnoRenew CoE COST Action involvement /
Vključenost InnoRenew CoE v akcijah COST

	COST Action / Akcija COST	Member(s) / Člani
1	CA16226 Indoor living space improvement: Smart Habitat for the Elderly	Michael Burnard (MC member, vice chair), Jakub Sandak (MC substitute), Anna Sandak (MC member, WG vice-leader), Michael Mrissa (WG member), Dean Lipovac (WG member)
2	CA16215 European network for the promotion of portable, affordable and simple analytical platforms	Michael Burnard (MC substitute), Oihana Gordobil (WG member), Jakub Sandak (MC member)
3	CA17107 European Network to connect research and innovation efforts on advanced Smart Textiles	Laetitia Marrot (MC substitute)
4	CA18201 An integrated approach to conservation of threatened plants for the 21st Century	Amy Simmons (Grant holder manager/ administrator)
5	CA18234 Computational materials sciences for efficient water splitting with nanocrystals from abundant elements	Veerapandian Ponnuchamy (MC member, WG member)
6	CA18204 Dynamics of placemaking and digitalization in Europe's cities	Ana Slavec (MC member), Tim Mavrič (MC substitute)
7	CA18236 Multi-disciplinary innovation for social change	Nežka Sajinčič (MC member)
8	CA16228 European Network for Game Theory	Miklós Krész (WG member)
9	CA19126 Positive Energy District European Network	Michael Mrissa (MC), Sidra Aslam (MC substitute)
10	CA17128 Establishment of a Pan-European Network on the Sustainable Valorisation of Lignin	Oihana Gordobil (WG member)
11	CA18220 European network of FURan based chemicals and materials FOR a Sustainable development	René Herrera Díaz (MC member)
12	CA19145 European Network for assuring food integrity using non-destructive spectral sensors	Anna Sandak (MC member, ITC conference manager)
13	CA19118 High-performance Carbon-based composites with Smart properties for Advanced Sensing Applications	Jan Včelák (MC member), David B. DeVallance (MC member), Laetitia Marrot (MC substitute)
14	CA19134 Distributed Knowledge Graphs	Miklós Krész (MC member), Balázs Dávid (MC substitute)
15	CA19117 Researcher Mental Health	Ana Slavec (MC member), Mateja Erce (MC substitute)
16	CA19122 European Network For Gender Balance in Informatics	Balázs Dávid (MC member)
17	CA20139 Holistic Design of Taller Timber Buildings	Iztok Šušteršič (MC member, Chair candidate), Amy Simmons (Grant holder administrator), Jan Vcelak (WG4 Member), Igor Gavrić (WG3 member)
18	CA20127 Waste biorefinery technologies for accelerating sustainable energy	Oihana Gordobil (MC member), René Herrera Díaz (WG member)
19	CA21127 Techno-economic analysis of carbon mitigation technologies	Esakkiammal Sudha ESAKKIMUTHU (MC member)
20	CA19124 Rethinking packaging for circular and sustainable food supply chains of the future	Esakkiammal Sudha ESAKKIMUTHU (WG member)
21	CA20133 Cross-border transfer and development of sustainable resource recovery strategies towards zero waste (FULLRECO4US)	Michael Burnard (MC member)
22	CA21166 Social Sciences and Humanities for Transformation and Climate Resilience (SHiFT)	Lea Primožič (MC member)

Individual memberships

InnoRenew CoE employees are individual members of 90 national and international organizations, which span the fields of wood science, wood technology, forestry, mathematics, kinesiology, education and research.

InnoRenew CoE employee memberships / Članstva zaposlenih v InnoRenew CoE v mednarodnih in nacionalnih združenjih

Individualna članstva zaposlenih

Zaposleni v InnoRenew CoE so člani 90 nacionalnih in mednarodnih združenj. Večina teh organizacij je s področij lesarstva, lesarske tehnologije, gozdarstva, matematike, kineziologije, izobraževanja in raziskovanja kot takega.

	Organization / Združenje	Employee / Zaposleni	Membership / Članstvo
1	Young Academy of Europe	Andreja Kutnar	Member
2	Society of Wood Science and Technology	Andreja Kutnar	Board Member
		Michael Burnard	Board Member
		Matthew John Schwarzkopf, Jakub Sandak, David B. DeVallance, Václav Sebera, Anna Sandak, Amy Simmons, Lea Primožič, Nežka Sajinčič	Member
	Society for Wood Science and Technology, Strategic Initiatives Committee	Michael Burnard	Board Liaison
3	Wood & Fiber Science Journal	Andreja Kutnar	Editorial Board
4	InnovaWood	Michael Burnard	Vice president
5	International Society for Plant Spectroscopy (ISPS)	Anna Sandak	Member
6	IUFRO Officeholder	Erwin M. Schau	Coordinator of WP 5.12.01 - LCA of Forest Products
		Anna Sandak	Deputy of division 5.03.05 – Biological resistance of wood
7	International Research Group on Wood Protection (IRG)	Anna Sandak	Member, Communications Committee Member
		Faksawat Poohphajai	Member
		Veerapandian Ponnuchamy	Member
8	Network of Early-carrier Sustainable Scientist & Engineers (NESSE)	Anna Sandak	Member
9	International Committee for Near Infrared Spectroscopy (ICNIRS)	Anna Sandak	Member of the President's Advisory Commitee
		René Herrera Díaz	Member
10	Italian Society for Near Infrared Spectroscopy (SISNIR)	Anna Sandak	Member
		Jakub Sandak	Member
11	Research Society "Hungarian Operations Research Society"	Balázs Dávid	Member
		László Hajdu	Member
		Miklós Krész	Member
12	EU Environmental Footprint Technical Advisory Board; European Commission, Belgium	Erwin M. Schau	Member
13	Forest Products Society	Matthew Schwarzkopf	Member
		David B. DeVallance	Member, Past President
14	EuroScience	Ana Slavec	Member

	Organization / Združenje	Employee / Zaposleni	Membership / Članstvo
15	Research Data Alliance, international association	Ana Slavec	Member
		Miklós Krész	Member
		René Herrera Díaz	Member
16	Association Young Academy (Mlada akademija), Slovenia	Ana Slavec	Member
17	Slovenian Statistical Society, Slovenia	Ana Slavec	Member
18	International Wood Machining Seminar (IWMS)	Jakub Sandak	Member of Advisory Committee
19	WVU Student Forest Products Society Chapter	David B. DeVallance	Advisor
20	Slovenian Discrete and Applied Mathematics Society	Miklós Krész	Member
21	Public Body of the Hungarian Academy of Sciences	Miklós Krész	Member
22	Slovenian Associations of Wood Science and Technology	Marica Mikuljan, Andreja Kutnar	Board Member
		Miklós Krész	Member
23	Forest Technology Platform	Andreja Kutnar	Chairperson of National Support Group Slovenia
		Črtomir Tavzes	Member of the Advisory Committee of the Forest-based sector
		David B. DeVallance	Member, Past President
24	Oregon State University, USA	Andreja Kutnar	Affiliated faculty member
25	Slovene chamber of architects (ZAPS), Slovenia	Eva Prelovšek Niemelä	Member
26	Finnish Association of Architects (SAFA), Finland	Aarne Johannes Niemelä	Member

	Organization / Združenje	Employee / Zaposleni	Membership / Članstvo
27	Slovenian Sociological Association	Ana Slavec	Member
28	The National Committee of Research Guarantors, REPRISE	Anna Sandak	Member
29	Slovenian Kinesiology Association	Darjan Smajla	Member
		Matic Sašek	Founding Member
30	Association of International Education Administrators (AIEA)	David B. DeVallance	Presidential Fellow
31	European Committee for Standardization (CEN) - Technical Committee 250	Igor Gavrić, Iztok Šušteršič	Member
32	Slovenian Institute for Standardization (SIST) national technical committee	Igor Gavrić, Iztok Šušteršič	Member
33	International Society for the Measurement of Physical Behaviour	Kaja Kastelic	Member
34	ProPASS Early Career Researcher Network	Kaja Kastelic	Member
35	International Network of Time-use Epidemiologists, Victoria, Australia	Kaja Kastelic	Member; Active Member of the INTUE Working Group for Research Dissemination
		Miklós Krész	Member
36	Sedentary Behaviour Research Network	Kaja Kastelic	Member
37	International Society of Behavioral Nutrition and Physical Activity	Kaja Kastelic	Member
38	Beta Gamma Sigma	Lea Primožič	Member
39	Association of Bonding Psychotherapists of Slovenia	Mateja Erce	Member
40	**Slovenian network of EUMATHS-IN: European Service Network of Mathematics for Industry**	Miklós Krész	Representative of the University of Primorska

	Organization / Združenje	Employee / Zaposleni	Membership / Članstvo
41	**Health Enhancing Physical Activity (HEPA Europe)**	Nastja Podrekar	Member
42	International Society of Behavioral Nutrition and Physical Activity	Nastja Podrekar	Member
43	Royal Academy of Sciences Foundation of Spain	Oihana Gordobil	Member
44	Slovenian Acoustical Society	Rok Prislan	Secretary
45	Slovene network for Social Responsibility	Vesna Starman	Secretary
46	Association for Social Pedagogy	Vesna Starman	Member
47	Coatings	Rene Herrera Diaz	Guest Editor
		Anna Sandak	Guest Editor
48	Chemosensors	Anna Sandak	Topic Editor
49	Interdisciplinary Perspectives on the Built Environment	Anna Sandak	Topic Editor
		Miklós Krész	Topic Editor
		Iztok Šušteršič	Topic Editor
50	Journal of Wood Material Science and Engineering	Andreja Kutnar	Co-Editor
		Anna Sandak	Editorial Board
51	Science and Technology Council of the Republic of Slovenia	Andreja Kutnar	Member
52	European Journal of Wood and Wood Products	Andreja Kutnar	Editorial Board
53	Slovenian President Borut Pahor's Consultative Committee for Climate Policy	Andreja Kutnar	Member
54	EURO - Association of European Operational Research Societies	Miklós Krész	Working Group member: EWG SSC, EWG DSO, EWG PATAT, EWG ECCO
55	Material Economy and Logistics Journal	Miklós Krész	Scientific Board member
56	The Social Chamber of Slovenia	Mateja Erce	Member
57	International Society of Bonding Psychotherapy	Mateja Erce	Member
58	Strategic Research and Innovation Partnership (SRIP)	Iztok Šušteršič	Member of Smart buildings and home with the woodchain and Head of timber constructions sector
59	Applied sciences	Nejc Šarabon	Guest Editor
60	Cosmetics	Oihana Gordobil	Guest Editor
61	Crisis	Diego De Leo	Chief Editor
62	Drvna industrija : Znanstveno stručni časopis za pitanja drvne tehnologije	Jakub Sandak	Editorial Board
63	European Journal of Translational Myology	Nejc Šarabon	Editorial Board
64	Frontiers in human neuroscience	Nejc Šarabon	Editorial Board
65	Homo sporticus : naučno-stručni časopis iz oblasti sporta i tjelesnog odgoja	Nejc Šarabon	Editorial Board

	Organization / Združenje	Employee / Zaposleni	Membership / Članstvo
66	Journal of sports science	Nejc Šarabon	Editorial Board
67	Montenegrin journal of sports science and medicine	Nejc Šarabon	Editorial Board
68	Symmetry	Nejc Šarabon	Guest Editor
69	Buildings	Igor Gavrić	Topic Editor
70	Italian Mechanical Technology Society (AITEM)	Tania Langella	Member
71	Dynamic EU building stock knowledge hub	Anna Sandak	BuiltHub Stakeholder
72	Journal of Near Infrared Spectroscopy	Anna Sandak	Guest Editor
73	Alps-Adriatic Rectors Conference	David B. DeVallance	Scientific Committee and General Assembly Member
74	Polymers	Rene Herrera Diaz	Guest Editor
		Oihana Gordobil	
		David B. DeVallance	Topic Editor
75	Applied sciences	Igor Gavrić	Topic Editor
76	Sustainability	Erwin M. Schau	Chef Guest Editor
		Eva Prelovšek Niemelä	Assistant Guest Editor
		Andreja Kutnar	Chef Guest Editor
		Daša Majcen	Assistant Guest Editor
77	Scientific and Business Committee of the Life Cycle Management Conference	Erwin M. Schau	Member
78	VDI – The Association of German Engineers	Erwin M. Schau	Member
79	Technical Advances in Plant Science (specialty section of Frontiers in Plant Science)	Anna Sandak	Review Editor
80	Slovene chamber of engineers	Iztok Šušteršič	Member
81	Forest	Rene Herrera Diaz	Guest Editor
82	Maderas Ciencia y Tecnología Journal	Rene Herrera Diaz	Co-Editor
83	International Society of Physical Activity for Health	Kaja Kastelic	Member
84	Koper Regional Museum	Tim Mavrič	Member of Council of the Institute
85	Alternative Infrastructure for Gender Equality in Academic Institutions Alt+G	Amy Simmons	Member
86	International Academy of Wood Science	Andreja Kutnar	Member
87	ICOMOS Slovenia	Tim Mavrič	Member
88	Working group appointment by Slovenian Government “Forest-wood”	Andreja Kutnar	Member
89	Quality Assurance Agency for Higher Education	Andreja Kutnar	Registered expert
90	Working group appointment by Swiss National Science Foundation	Anna Sandak	Expert

Teaching

Thirty InnoRenew CoE employees had teaching assignments at five higher education faculties during the 2021-2022 academic year for courses that spanned the fields of wood science, computer science, renewable materials, sustainability, research and scientific writing, kinesiology, ergonomics and data science.

Poučevanje

V študijskem letu 2021/22 je bilo 30 zaposlenih v InnoRenew CoE vključenih v pedagoško delo na petih univerzah pri predmetih s področij lesarstva, računalništva, obnovljivih materialov, trajnostnosti, raziskovalnega in znanstvenega pisanja, kineziologije, ergonomije in podatkovne znanosti.

InnoRenew CoE employee teaching assignments for academic year 2021-2022 /
Pedagoška dejavnost zaposlenih v InnoRenew CoE v študijskem letu 2021/2022

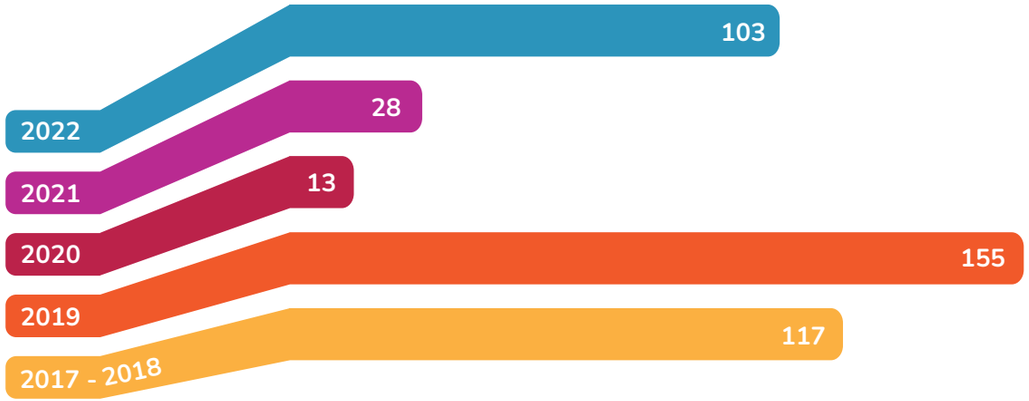
University / Univerza	Faculty / Fakulteta	Employee / Zaposleni	Academic rank / Akademski naziv	Course(s) / Ime predmetov
University of Primorska	Faculty of Mathematics, Natural Sciences and Information Technologies	Miklós Krész	Associate professor	Data Science Seminar; Selected Topics in Theoretical Computer Science; Mining Massive Data; Design and Analysis of Experiments; Renewable Materials and Healthy Built Environments
		Aleksandar Tošić	Teaching assistant	Programming 1 and 3
		Igor Gavrić	Assistant professor	Wood Design and Structural Analysis
		Iztok Šušteršič	Assistant professor	Wood Design and Structural Analysis; Renewable Materials for Healthy Built Environments; Preparation of doctoral disposition – seminar; The built environment and role of engineering; Holistic design of contemporary timber buildings
		Dean Lipovac	Assistant	Qualitative Research
		Matthew Schwarzkopf	Associate professor	Wood Science and Technology; Wood Composites; Selected topics in wood science and technology; Selected topics in the characterisation of renewable materials; Sustainable built environments study programme coordinator
		Michael Burnard	Assistant professor	Data Science Ethics; Sustainable and Restorative Built Environments; Scientific Writing and Presentation; Data Practicum I – Data Science with R/RStudio; Renewable Materials for Healthy Built Environments
		Michael Mrissa	Full professor	Data Science seminar, Data Engineering and Distributed Information Systems
		Balázs Dávid	Assistant professor	Formal Languages and Computability; Mining Massive Data
		László Hajdu	Assistant	Programming 2
		Diego De Leo	Full professor	Selected Biopsychological Topics in English
		Andreja Kutnar	Full professor	Wood science and technology; Sustainable and restorative environments; Modern history of sustainable architecture; Forest management and wood processing; Renewable resources; Environmental technologies; Preparation of doctoral disposition – seminar
		David B. DeVallance	Associate professor	Renewable Materials for Healthy Built Environments; Wood Composites; Forest Products Marketing; Building Energy Simulation
		Jakub Sandak	Associate professor	Renewable Materials for Healthy Built Environments; Non-destructive testing of wood
		Anna Sandak	Associate professor	Renewable Materials for Healthy Built Environments; Non-destructive testing of wood; lectures related to spectroscopy; Energy refurbishment of buildings

University / Univerza	Faculty / Fakulteta	Employee / Zaposleni	Academic rank / Akademski naziv	Course(s) / Ime predmetov
University of Primorska	Faculty of Mathematics, Natural Sciences and Information Technologies	Veerapandian Ponnuchamy	Researcher	Renewable Materials for Healthy Built Environments; Preparation of the doctoral disposition
		Oihana Gordobil	Associate researcher	Renewable Materials for Healthy Built Environments; Preparation of the doctoral disposition
		René Herrera Díaz	Researcher	Renewable Materials for Healthy Built Environments; Preparation of the doctoral disposition
		Jaka Pečnik	Lab assistant	Renewable and Wood-based Materials in Construction
		Niki Hrovatin	Assistant	Computer practicum, Programming 1
		Sidra Aslam	Assistant	Data Engineering and Distributed Information Systems
		Laetitia Marrot	Assistant with PhD	Plant fibres for composite applications
		Rok Prislan	Assistant professor	Physics
		Ana Slavec	Assistant with PhD	Statistics
	Faculty of Health Sciences	Nastja Podrekar	Assistant	Research and innovation; Ergonomics; Cardio-respiratory physiotherapy
		Darjan Smajla	Assistant professor	Exercise therapy, Kinesiometrics, Applied Biomechanics, Prevention and Rehabilitation of lower limb injuries
		Nejc Šarabon	Full professor	Kinesiometrics; Gymnastics; Prevention and rehabilitation of upper limb in sport; Basics of exercise physiology; Exercise therapy; Applied biomechanics; Innovation and development; Endurance training; Individual Research Work; Modern Perspectives in the Applied Kinesiology; Project Research Work; Interdisciplinary aspects of prevention in health; Development of inovative products based on kinesiology science; Research of sedentary behavior and physical inactivity; Design of evidence-based injury prevention programs in sport
		Jure Žitnik	Assistant	Basics of exercise physiology; Exercise physiology; Environmental Physiology; Exercise for chronic non-communicable diseases – internistic aspect; Methodology in research; Introduction to research; Research methods
		Kaja Kastelic	External collaborator	Physical activity for health, Ergonomics
Gdańsk University of Technology	Faculty of Mechanical Engineering	Jakub Sandak	Visiting professor	Non-destructive testing of wood
Czech Technical University in Prague	Faculty of Electrical Engineering	Jan Včelák	Research assistant	Technologies for SmartCities; Data Acquisition and Transfer, Renewable Materials and Healthy Built Environments
Jagiellonian University in Krakow	Faculty of Chemistry	Anna Sandak	Associate professor	Wood and derived products – selected topics in modification, performance and characterisation
University of Helsinki	Faculty of Agriculture and Forestry	Michael Burnard	Professor of practice	(tbd)

Visitors

InnoRenew CoE hosted 103 international visitors in 2022. Eighty-four visits were for five days or less, and 19 visits were for a longer period. International visitors came from 25 countries, including Australia, Austria, Belgium, Bosnia and Herzegovina, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Italy, Latvia, Netherlands, Norway, Poland, Serbia, Slovenia, Spain, Sweden, Switzerland, Turkey, UK, and USA.

In the years 2017 and 2018 InnoRenew CoE hosted 117 international visitors, in the year 2019 there were 155 international visitors, and in the year 2020, affected by the COVID-19 pandemic, 13 visitors. Last year InnoRenew CoE hosted 28 international visitors.



Visitors hosted from 2017 until 2022 /
Gostujoči obiskovalci od leta 2017 do 2022

Obiski

InnoRenew CoE je v letu 2022 gostil 103 obiskovalcev iz tujine. Od tega je bilo 84 obiskov krajših, 19 pa daljših od šest dni. Tuji obiskovalci so prišli iz 25 različnih držav, vključno z Avstralijo, Avstrijo, Belgijo, Bosno in Hercegovino, Češko, Dansko, Estonijo, Finsko, Francijo, Italijo, Hrvaško, Latvijo, Madžarsko, Nemčijo, Nizozemsko, Norveško, Poljsko, Srbijo, Slovenijo, Španijo, Švedsko, Švico, Turčijo, Združenim kraljestvom in ZDA.

V letu 2017 in 2018 je InnoRenew CoE gostil 117 obiskovalcev iz tujine, leta 2019 je bilo takih obiskov 155, leta 2020, ki je bilo zaznamovano s pandemijo covida-19, pa 13 obiskovalcev in tujine. V lanskem letu je InnoRenew CoE gostil 28 obiskovalcev iz tujine.

InnoRenew CoE international visitors in 2022 (6+ days) /
Obiskovalci InnoRenew CoE iz tujine (več kot 6 dni) v letu 2022

	Guest / Gost	Affiliation / Organizacija	Country / Država	Period / Čas obiska
1	Bohumil Kasal	Fraunhofer WKI	Germany	17.01.2022-22.01.2022
2	Bohumil Kasal	Fraunhofer WKI	Germany	14.02.2022-19.02.2022
3	Nicole Blažević	University of Maribor, Faculty of Chemistry and Chemical Engineering	Slovenia	23.02.2022-23.05.2022
4	Ender Hazir	Istanbul university - Cerrahpasa	Turkey	04.03.2022-04.03.2023
5	Valentino Cristini	Mendel University in Brno	Czech Republic	28.03.2022-28.04.2022
6	Eric Hansen	Oregon State University	USA	28.03.2022-08.04.2022
7	Kymäläinen Maija	Aalto University	Finland	11.04.2022-20.04.2022
8	Patrik Nop	Mendel University in Brno	Czech Republic	27.04.2022-28.05.2022
9	Yuri De Santis	University of L'Aquila	Italy	23.05.2022-23.08.2022
10	Destin Bamokina Moanda	Bern University of Applied Sciences, Institute for Materials and Wood Technology	Switzerland	30.05.2022-17.06.2022
11	Marina Cocchi	University of Modena and Reggio Emilia	Italy	07.06.2022-18.06.2022
12	Julia Tomasich	Institute of Chemical, Environmental and Bioscience Engineering, Technische Universität Wien	Austria	13.06.2022-24.06.2022
13	Alexander Jankowski	Gdańsk University of Technology	Poland	01.07.2022-30.09.2022
14	Elsa Duret	Institute of Analytical Sciences and Physico-Chemistry for Environment and Materials (IPREM) at the University of Pau and Pays de l'Adour (UPPA)	France	04.07.2022-18.07.2022
15	Eduardo Robles Barrios	Institute of Analytical Sciences and Physico-Chemistry for Environment and Materials (IPREM) at the University of Pau and Pays de l'Adour (UPPA)	France	04.07.2022-18.07.2022
16	Adam Majewski	Poznan University of Life Sciences, Faculty of Forestry and Wood Technology, Department of Furniture Design	Poland	11.07.2022-29.07.2022
17	Jonas Brunskog	DTU	Denmark	06.08.2022-13.08.2022
18	Agata Sommer	Gdańsk University of Technology	Poland	29.08.2022-12.09.2022
19	Elif Yurttaş	Istanbul University	Turkey	11.11.2022-12.01.2023

InnoRenew CoE international visitors in 2022 (1-5 days) /
Obiskovalci InnoRenew CoE iz tujine (1–5 dni) v letu 2022

	Guest / Gost	Affiliation / Organizacija	Country / Država	Period / Čas obiska
1	Wolfgang Kantner	Metadynea	Austria	03.01.2022-04.01.2022
2	Miguel Moreno Torres	University of Graz	Austria	24.01.2022-08.01.2022
3	Philipp Misselwitz	Bauhaus der Erde GmbH	Germany	14.02.2022-06.02.2022
4	Alan Organschi	Bauhaus der Erde GmbH	Germany	14.02.2022-06.02.2022
5	Wolfgang Kantner	Metadynea	Austria	15.02.2022-06.02.2022
6	Kristine Meile	Latvian State Institute of Wood Chemistry	Latvia	07.03.2022-11.03.2022
7	Franz Dolezel	IBO	Austria	28.03.2022-09.03.2022
8	Maximilian Neusser	TU Wien	Austria	28.03.2022-09.03.2022
9	Tamás Kis	Institute for Computer Science and Control, Hungarian Academy of Sciences	Hungary	28.03.2022-29.03.2022
10	Péter Egri	Institute for Computer Science and Control, Hungarian Academy of Sciences	Hungary	28.03.2022-09.03.2022
11	Ádám Szaller	Institute for Computer Science and Control, Hungarian Academy of Sciences	Hungary	28.03.2022-29.03.2022
12	Nebojša Gvozdenović	University of Novi Sad	Serbia	06.04.2022-08.04.2022
13	Gábor Kusper	InnovITech Ltd	Hungary	20.04.2022-22.04.2022
14	Tamas Czegledy	University of Applied Sciences/Hochschulprofessor; Fachhochschule Burgenland GmbH	Austria	16.05.2022-17.05.2022
15	Andrea Lucherini	ZAG		19.05.2022
16	Grunde Jomaas	ZAG		19.05.2022
17	Tamás Vinkó	University of Szeged	Hungary	23.05.2022
18	Gerald Presley	Oregon State University	USA	26.05.2022-27.05.2022
19	Guillermo Íñiguez-González	Universidad Politécnica de Madrid	Spain	27.05.2022
20	Danijela Domljan	Faculty of Forestry and Wood Technology	Croatia	01.06.2022
21	Zoran Vlaović	Faculty of Forestry and Wood Technology	Croatia	01.06.2022
22	Bohumil Kasal	Fraunhofer WKI	Germany	04.06.2022-07.06.2022
23	Florian Mischek	Vienna University of Technology	Austria	06.06.2022-10.06.2022
24	Felix Winter	Vienna University of Technology	Austria	06.06.2022-10.06.2022
25	Lucas Kletzander	Vienna University of Technology	Austria	07.06.2022-10.06.2022
26	Marie-Louise Lackner	Vienna University of Technology	Austria	07.06.2022-10.06.2022
27	Nysret Musliu	Vienna University of Technology	Austria	07.06.2022-10.06.2022
28	Ida Gjergji	Vienna University of Technology	Austria	07.06.2022-10.06.2022
29	Tommaso Mannelli Mazzoli	Vienna University of Technology	Austria	07.06.2022-10.06.2022

InnoRenew CoE international visitors in 2022 (1-5 days) /
Obiskovalci InnoRenew CoE iz tujine (1–5 dni) v letu 2022

	Guest / Gost	Affiliation / Organizacija	Country / Država	Period / Čas obiska
30	Uwe Kies	InnovaWood	Belgium	11.06.2022-13.06.2022
31	Kris Wijnendaele	European Panel Federation	Belgium	11.06.2022-13.06.2022
32	Pier Luigi Barbieri	University of Trieste, Department of Chemical and Pharmaceutical Sciences	Italy	16.06.2022
33	Sabina Licen	University of Trieste, Department of Chemical and Pharmaceutical Sciences	Italy	16.06.2022
34	Szymon Mania	Gdansk University of Technology	Poland	04.07.2022-08.07.2022
35	Daniel Chuchala	Gdansk University of Technology	Poland	04.07.2022-08.07.2022
36	Lionel Medini	University of Lyon, LIRIS lab	France	02.08.2022-08.08.2022
37	Arkadiusz Kawa	Łukasiewicz - Poznań Institute of Technology	Poland	03.08.2022-05.08.2022
38	András London	University of Szeged	Hungary	08.08.2022-12.08.2022
39	Jose Torero	University College London	UK	10.08.2022
40	Bart Merci	Ghent University - Faculty of Engineering and Architecture	Belgium	10.08.2022
41	Duncan Mayes	Lignutech Oy	Finland	05.09.2022-14.09.2022
42	Ritva Toivonen	University of Helsinki	Finland	10.09.2022-17.09.2022
43	Petr Hajek	Czech Technical University in Prague	Czech Republic	11.09.2022-14.09.2022
44	Milan Vatovec	Simpson Gumpertz & Heger, Inc.	USA	11.09.2022-14.09.2022
45	Bohumil Kasal	Fraunhofer WKI	Germany	11.09.2022-14.09.2022
46	Peter Niemz	University of Applied Science Biel	Switzerland	11.09.2022-14.09.2022
47	Željko Pedišić	Victoria University	Australia	17.09.2022
48	Dick Sandberg	Lulea University	Sweden	19.09.2022-23.09.2022
49	Sven Idarand	Estonian Academy of Arts	Estonia	22.09.2022
50	Pille Epner	Estonian Academy of Arts	Estonia	22.09.2022
51	Vlach Tomáš	UCEEB	Czech Republic	22.09.2022-29.09.2022
52	Janovský Vít	UCEEB	Czech Republic	26.09.2022-29.09.2022
53	Vácha Tomáš	UCEEB	Czech Republic	26.09.2022-29.09.2022
54	Tvrdá Petra	UCEEB	Czech Republic	26.09.2022-29.09.2022
55	Belch, Wojciech	UCEEB	Czech Republic	26.09.2022-29.09.2022
56	Jochman Jan	UCEEB	Czech Republic	26.09.2022-29.09.2022
57	Ervin Gyori	Alfréd Rényi Institute of Mathematics	Hungary	12.10.2022-13.10.2022
58	Bogdan Zavalnij	Alfréd Rényi Institute of Mathematics	Hungary	12.10.2022-13.10.2022
59	Peter Erdos	Alfréd Rényi Institute of Mathematics	Hungary	12.10.2022-13.10.2022

InnoRenew CoE international visitors in 2022 (1-5 days) /
Obiskovalci InnoRenew CoE iz tujine (1–5 dni) v letu 2022

	Guest / Gost	Affiliation / Organizacija	Country / Država	Period / Čas obiska
60	Sandor Szabo	Alfréd Rényi Institute of Mathematics	Hungary	12.10.2022-13.10.2022
61	Tamas Vinko	Alfréd Rényi Institute of Mathematics	Hungary	12.10.2022-13.10.2022
62	Andras London	Alfréd Rényi Institute of Mathematics	Hungary	12.10.2022-13.10.2022
63	György Dósa	University of Pannonia	Hungary	13.10.2022-16.10.2022
64	Zsuzsa Nagy	University of Pannonia	Hungary	13.10.2022-16.10.2022
65	Tibor Dulai	University of Pannonia	Hungary	13.10.2022-16.10.2022
66	Agnes Werner	University of Pannonia	Hungary	13.10.2022-16.10.2022
67	Sebastian Bonnard	Universidad de La Laguna	Spain	07.11.2022-10.11.2022
68	Bohumil Kasal	Fraunhofer WKI	Germany	07.11.2022-11.11.2022
69	Ingrid Bakke	Norwegian University of Life Sciences	Norway	16.11.2022-18.11.2022
70	Annechien Hoeben	University of Graz	Austria	16.11.2022-18.11.2022
71	Theresa Boiger	University of Graz	Austria	16.11.2022-18.11.2022
72	Miguel Moreno Torres	University of Graz	Austria	16.11.2022-18.11.2022
73	Martin Weigl-Kuska	Holzforschung Austria	Austria	16.11.2022-18.11.2022
74	Christine Frühapper	Holzforschung Austria	Austria	16.11.2022-18.11.2022
75	Michael Sailer	Xylho	Netherlands	28.11.2022-30.11.2022
76	Stephanie Rensink	Saxion University	Netherlands	28.11.2022-01.12.2022
77	Darija Gajić	University of Banja Luka	Bosnia and Herzegovina	01.12.2022-03.12.2022
78	Slobodan Peulić	University of Banja Luka	Bosnia and Herzegovina	01.12.2022-03.12.2022
79	Jelena Rašović	University of Banja Luka	Bosnia and Herzegovina	01.12.2022-03.12.2022
80	Milica Malešević	University of Banja Luka	Bosnia and Herzegovina	01.12.2022-03.12.2022
81	Una Okilj	University of Banja Luka	Bosnia and Herzegovina	01.12.2022-03.12.2022
82	Mladen Slijepčević	University of Banja Luka	Bosnia and Herzegovina	01.12.2022-03.12.2022
83	Lorenzo Strani	University of Modena and Reggio Emilia	Italy	12.12.2022-16.12.2022
84	Alessandro D'Alessandro	University of Modena and Reggio Emilia	Italy	12.12.2022-16.12.2022

Scientific communications

InnoRenew CoE employees publish with open access and make their publications available through the institute's Zenodo community.

In 2022, InnoRenew CoE researchers contributed to 295 scientific communications: 88 were original scientific articles; 12 review articles; six short scientific contributions; eight professional articles; two popular articles; 72 conference contributions; 12 scientific monograph chapters, front and back matter, PhD and master's theses and patents; 95 other communications, including radio and television programs, invited lectures and unpublished conference contributions, secondary authorships, including as journal editors, thesis mentors and other categories.

InnoRenew CoE employee publications were cited (pure citations) 1073 times in Web of Science (7714 in 2021) and 1261 times in Scopus (10985 in 2021) last year.

Original scientific article / Izvirni znanstveni članek

1. PODREKAR, Nastja, **LIPOVAC, Dean**, JORDAN, Sabina, **BURNARD, Michael David**, **ŠARABON, Nejc**. Thermal effusivity of different tabletop materials in relation to users% perception. Applied Ergonomics, ISSN 0003-6870. [Print ed.], Apr. 2022, vol. 100, str. 1-10, ilustr. https://www.sciencedirect.com/science/article/pii/S0003687021003112#kwrds0010, https://doi.org/10.1016/j.apergo.2021.103664, doi: 10.1016/j.apergo.2021.103664. [COBISS.SI-ID 88933123], [JCR, SNIP, WoS do 5. 6. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 31. 12. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.80] kategorija: 1A1 (Z, A'', A', A1/2); uvrstitev: Scopus (d), SCI, SSCI, Scopus, MBP; tip dela še ni verificiran

2. **MRISSA, Michael Nicolas**, **TOŠIĆ, Aleksandar**, **HROVATIN, Niki**, **ASLAM, Sidra**, **DÁVID, Balázs**, **HAJDU, László**, **KRÉSZ, Miklós Ferenz**, BRODNIK, Andrej, KAVŠEK, Branko. Privacy-aware and secure decentralized air quality monitoring. Applied sciences, ISSN 2076-3417, 2022, iss. 4, art. 2147, str. 1-22, ilustr. https://www.mdpi.com/2076-3417/12/4/2147, https://doi.org/10.3390/app12042147, doi: 10.3390/app12042147. [COBISS.SI-ID 99452419], [JCR, SNIP, WoS do 26. 10. 2022: št. citatov (TC): 2, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.67, Scopus do 26. 8. 2022: št. citatov (TC): 2, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.67]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICN
točke: 56.92, št. avtorjev: 6/9

3. **TOŠIĆ, Aleksandar**, **HROVATIN, Niki**, VIČIČ, Jernej. A WSN framework for privacy aware indoor location. Applied sciences, ISSN 2076-3417, 2022, vol. 12, iss. 6, str. 1-17, ilustr. https://www.mdpi.com/2076-3417/12/6/3204/pdf, doi: 10.3390/app12063204. [COBISS.SI-ID 101797379], [JCR, SNIP, WoS do 14. 4. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 29. 9. 2022: št. citatov (TC): 1, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0] kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 56.92, št. avtorjev: 2/3

Znanstveno komuniciranje

Zaposleni v InnoRenew CoE prispevke objavljajo v odprtem dostopu, shranjeni (in dostopni) pa so v spletni skupnosti inštituta v repozitoriju Zenodo.

Raziskovalci InnoRenew CoE so v letu 2022 prispevali 295 enot s področja znanstvenega komuniciranja. Te vključujejo: 88 izvirnih znanstvenih člankov; 12 preglednih znanstvenih člankov; šest kratkih znanstvenih prispevkov; osem strokovnih člankov; dva poljudna članka in 72 konferenčnih prispevkov; 12 znanstvenih sestavkov v monografijah, spremne besede in druga dela, kot so doktorska in magistra dela, patenti itd.; poleg tega pa še 95 ostalih del, ki vključujejo radijske in televizijske nastope, vabljena predavanja in neobjavljene konferenčne prispevke ter sekundarno avtorstvo, kot je urednik, mentor pri zaključnih nalogah, in ostale kategorije.

V letu 2022 so bile publikacije zaposlenih v InnoRenew CoE citirane (čisti citati) 1073-krat na Web of Science (leta 2021 pa 7714-krat) in 1261-krat (leta 2021 pa 10985-krat) v Scopusu.

Original scientific article / Izvirni znanstveni članek

4. MANOJLOVIĆ, Denisa, ZORKO, Martin, SPUDIĆ, Darjan, **ŠARABON, Nejc**. Strength, flexibility and postural control of the trunk and lower body in participants with and without patellofemoral pain. Applied sciences, ISSN 2076-3417, 2022, vol. 12, iss. 7, str. 1-13, ilustr. https://www.mdpi.com/2076-3417/12/7/3238#cite, doi: 10.3390/app12073238. [COBISS.SI-ID 101970435], [JCR, SNIP, WoS do 25. 4. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 25. 12. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.25]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICM
točke: 21.34, št. avtorjev: 1/4

5. **HROVATIN, Niki**, **TOŠIĆ, Aleksandar**, **MRISSA, Michael Nicolas**, KAVŠEK, Branko. Privacy-preserving data mining on blockchain-based WSNs. Applied sciences, ISSN 2076-3417, 2022, iss. 11, art. 5646, str. 1-18, ilustr. https://www.mdpi.com/2076-3417/12/11/5646, https://doi.org/10.3390/app12115646, doi: 10.3390/app12115646. [COBISS.SI-ID 110699267], [JCR, SNIP, WoS do 24. 6. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 13. 7. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICT
točke: 64.03, št. avtorjev: 3/4

6. **ŠARABON, Nejc**, MILINOVIĆ, Ivan, DOLENEC, Aleš, KOZINC, Žiga, BABIĆ, Vesna. The reactive strength index in unilateral hopping for distance and its relationship to sprinting performance : how many hops are enough for a comprehensive evaluation?. Applied sciences, ISSN 2076-3417, 2022, vol. 12, iss. 12, str. 1-9, ilustr. https://www.mdpi.com/2076-3417/12/22/11383, doi: 10.3390/122211383. [COBISS.SI-ID 128738563], [JCR, SNIP]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 17.08, št. avtorjev: 1/5

7. HORVAT, Petra, LEGAT, Andraž, **KUTNAR, Andreja**. Relevant knowledge management KOZINC, Žiga, PLEŠA, Jernej, DJURIĆ, Daniel, **ŠARABON, Nejc**. Comparison of rate of force development between explosive sustained contraction and ballistic pulse-like contractions during isometric ankle and knee extension tasks. Applied sciences, ISSN 2076-3417, 2022, vol. 20, št. 12, str. 1-13, ilustr. https://www.mdpi.com/2076-3417/12/20/10255, doi: 10.3390/app122010255. [COBISS.SI-ID 125305603], [JCR, SNIP, WoS do 2. 11. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 21.34, št. avtorjev: 1/4

8. **PONNUCHAMY, Veerapandian**, **ESAKKIMUTHU, Esakkiammal Sudha**. Density functional theory study of lignin, carboxymethylcellulose and unsustainable binders with graphene for electrodes in lithium-ion batteries. Applied Surface Science, ISSN 0169-4332. [Print ed.], 2022, vol. 573, article 151461, str. 1-14, ilustr. https://www.sciencedirect.com/science/article/pii/S0169433221025137?via%3Dihub, doi: 10.1016/j.apsusc.2021.151461. [COBISS.SI-ID 82982403], [JCR, SNIP, WoS do 26. 10. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 1.00, Scopus do 26. 12. 2022: št. citatov (TC): 2, čistih citatov (CI): 2, čistih citatov na avtorja (CIAu): 2.00]
kategorija: 1A1 (Z, A'', A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICN
točke: 170, št. avtorjev: 2/2

9. ZERBO ŠPORIN, Dorjana, KOZINC, Žiga, PRIJON, Ticijana, **ŠARABON, Nejc**. The prevalence and severity of sick-leaves due to musculoskeletal disorders among workers : water supply, sewerage, waste management and remediation activities. Archives of environmental & occupational health, ISSN 2154-4700, 2022, vol. 78, iss. 3, str.1-9, ilustr. https://doi.org/10.1080/19338244.2022.2162474, doi: 10.1080/19338244.2022.2162474. [COBISS.SI-ID 136105987], [JCR, SNIP]
kategorija: 1A4 (Z); uvrstitev: SCI, Scopus, MBP; tip dela še ni verificiran
točke: 14.14, št. avtorjev: 1/4

10. RUBINI, Morandise, CLOPEAU, Armand, **SANDAK, Jakub Michal**, DUMARCAY, Stephane, **SANDAK, Anna Malgorzata**, GÉRARDIN, Philippe, CHARRIER, Bertrand. Characterization and classification of Pinus oleoresin samples according to Pinus species, tapping method, and geographical origin based on chemical composition and chemometrics. Biocatalysis and agricultural biotechnology, ISSN 1878-8181, Jul. 2022, vol. 42, art. 102340, str. 1-14, ilustr. https://www.sciencedirect.com/science/article/abs/pii/S1878818122000676, https://doi.org/10.1016/j.bcab.2022.102340, doi: 10.1016/j.bcab.2022.102340. [COBISS.SI-ID 105287171], [SNIP, WoS do 15. 5. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 20. 4. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1B (Z); uvrstitev: Scopus, MBP; tip dela je verificiral OSICT
točke: 11.43, št. avtorjev: 2/7

11. MAJSTOROVIĆ, Filip, SEBERA, Václav, MRAK, Maruša, DOLENEC, Sabina, WOLF, Marco, **MARROT, Laetitia Sarah Jennifer.** Impact of metakaolin on mechanical performance of flax textile-reinforced cement-based composites. Cement & Concrete Composites, ISSN 0958-9465. [Print ed.], Feb. 2022, vol. 126, str. 1-12, ilustr. https://www.sciencedirect.com/science/article/pii/S0958946521004340?via%3Dihub, doi: 10.1016/j.cemconcomp.2021.104367. [COBISS.SI-ID 88927235], [JCR, SNIP, WoS do 22. 12. 2022: št. citatov (TC): 3, čistih citatov (CI): 3, čistih citatov na avtorja (CIAu): 0.50, Scopus do 20. 12. 2022: št. citatov (TC): 6, čistih citatov (CI): 6, čistih citatov na avtorja (CIAu): 1.00]
kategorija: 1A1 (Z, A'', A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICT
točke: 24.78, št. avtorjev: 1/6

12. BAO, Ran, CHEN, Sitong, **KASTELIC, Kaja**, DRENOWATZ, Clemens, LI, Minghui, ZHANG, Jialin, WANG, Lei. Reliability of International Fitness Scale (IFIS) in Chinese Children and Adolescents. Children, ISSN 2227-9067, 2022, iss. 4, art. 531, str. 1-10, ilustr. https://www.mdpi.com/2227-9067/9/4/531/htm, https://doi.org/10.3390/children9040531, doi: 10.3390/children9040531. [COBISS.SI-ID 104358147], [JCR, SNIP, WoS do 26. 10. 2022: št. citatov (TC): 4, čistih citatov (CI): 4, čistih citatov na avtorja (CIAu): 0.57, Scopus do 17. 10. 2022: št. citatov (TC): 4, čistih citatov (CI): 4, čistih citatov na avtorja (CIAu): 0.57]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 12.04, št. avtorjev: 1/7

13. STARBEK, Petra, **KASTELIC, Kaja**, **ŠARABON, Nejc**. The impact of online-schooling during COVID-19 on device-measured 24-hour movement behaviours among high school students : a compositional data analysis. Children, ISSN 2227-9067, 2022, iss. 5, art. 667, str. 1-12, ilustr. https://www.mdpi.com/2227-9067/9/5/667, https://doi.org/10.3390/children9050667, doi: 10.3390/children9050667. [COBISS.SI-ID 106914051], [JCR, SNIP, WoS do 24. 6. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 10. 6. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 56.2, št. avtorjev: 2/3

14. TRAJKOVIĆ, Nebojša, KOZINC, Žiga, **SMAJLA, Darjan**, **ŠARABON, Nejc**. Interrater and intrarater reliability of the easyforce dynamometer for assessment of maximal shoulder, knee and hip strength. Diagnostics, ISSN 2075-4418, 2022, iss. 2, art. 442, str. 1-12, ilustr. https://www.mdpi.com/2075-4418/12/2/442/htm, https://doi.org/10.3390/diagnostics12020442, doi: 10.3390/diagnostics12020442. [COBISS.SI-ID 96772867], [JCR, SNIP, WoS do 26. 10. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.50, Scopus do 18. 7. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.50]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 43.83, št. avtorjev: 2/4

15. **SAJINČIČ, Nežka**, **SANDAK, Anna Malgorzata**, ISTENIČ, Andreja. How do Slovenian educators feel about gamification : interested to know more = Otnosheniye slovenskikh vlastey k geymifikatsii. Education and self-development, ISSN 1991-7740, 2022, tom. 17, no. 1, str. 99-109, ilustr. https://eandsdjournal.org/wp-stuff/uploads/sites/2/2022/04/171-8.pdf, https://doi.org/10.26907/esd.17.1.09, doi: 10.26907/esd.17.1.09. [COBISS.SI-ID 105286403], [SNIP, Scopus do 7. 5. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A4 (Z); uvrstitev: Scopus (d); tip dela je verificiral OSICD
točke: 39.47, št. avtorjev: 2/3

16. KAMBIČ, Tim, **ŠARABON, Nejc**, HADŽIĆ, Vedran, LAINŠČAK, Mitja. Effects of high- and low-load resistance training in patients with coronary artery disease : a randomized controlled clinical trial. European journal of preventive cardiology, ISSN 2047-4881, 2022, vol. , no. , str. 1-5. https://academic.oup.com/eurjpc/advance-article/doi/10.1093/eurjpc/zwac063/6580398, doi: 10.1093/eurjpc/zwac063. [COBISS.SI-ID 106698755], [JCR, SNIP, WoS do 18. 11. 2022: št. citatov (TC): 2, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A1 (Z, A'', A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela še ni verificiran
točke: 29.59, št. avtorjev: 1/4

17. KOZINC, Žiga, **ŽITNIK, Jure**, **SMAJLA, Darjan**, **ŠARABON, Nejc**. The difference between squat jump and countermovement jump in 770 male and female participants from different sports. European journal of sport science, ISSN 1746-1391, 2022, iVol. 22, no. 7, str. 985-993, ilustr. https://www.tandfonline.com/doi/full/10.1080/17461391.2021.1936654, doi: 10.1080/17461391.2021.1936654. [COBISS.SI-ID 65654275], [JCR, SNIP, WoS do 26. 10. 2022: št. citatov (TC): 3, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.75, Scopus do 27. 7. 2022: št. citatov (TC): 3, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.75]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 74.5, št. avtorjev: 3/4

18. PAVLOVIĆ, Monika, OGRINC, Nina, **ŠARABON, Nejc**. Body asymetries as risk factors for musculskeletal injuries in dancesort, hip-hop and ballet dancers?. European Journal of Translational Myology, ISSN 2037-7460, 2022, vol. 22, iss. 3, str. 1-10, ilustr. https://www.pagepressjournals.org/index.php/bam/article/view/11020, doi: 10.4081/ejtm.2022.11020. [COBISS.SI-ID 131359747], [SNIP, Scopus do 6. 1. 2023: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1B (Z); uvrstitev: Scopus, MBP; tip dela je verificiral OSICD
točke: 13.33, št. avtorjev: 1/3

19. VOGLAR, Matej, VATOVEC, Rok, KOZINC, Žiga, **ŠARABON, Nejc**. The effects of eccentric exercise on passive hamstring muscle stiffness : Comparison of shear-wave elastography and passive knee torque outcomes. European Journal of Translational Myology, ISSN 2037-7460, 2022, vol. 32, iss. 2, str. 1-8, ilustr. https://www.pagepressjournals.org/index.php/bam/article/view/10567, doi: 10.4081/ejtm.2022.10567. [COBISS.SI-ID 110694403], [SNIP, WoS do 18. 12. 2022: št. citatov (TC): 2, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.25, Scopus do 6. 12. 2022: št. citatov (TC): 2, čistih citatov (CI): 2, čistih citatov na avtorja (CIAu): 0.50]
kategorija: 1B (Z); uvrstitev: Scopus, MBP; tip dela je verificiral OSICD
točke: 10, št. avtorjev: 1/4

20. BAKER, Paul, MIKLAVČIČ VIŠNJEVEC, Ana, KRIENKE, Dominik, PRESKETT, Dave, **SCHWARZKOPF, Matthew**, CHARLTON, Adam. Pilot scale extraction of protein from cold and hot-pressed rapeseed cake : preliminary studies on the effect of upstream mechanical processing. Food and bioproducts processing, ISSN 0960-3085, May 2022, vol. 133, str. 132-139, ilustr. https://www.sciencedirect.com/science/article/pii/S0960308522000323, https://doi.org/10.1016/j.fbp.2022.03.007, doi: 10.1016/j.fbp.2022.03.007. [COBISS.SI-ID 106048515], [JCR, SNIP, WoS do 18. 11. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.17, Scopus do 8. 11. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.17]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICB
točke: 16.64, št. avtorjev: 1/6

21. **PEETERS, Kelly**, TAMAYO TENORIO, Angelica. Comparing analytical methods for erucic acid determination in rapeseed protein products. Foods, ISSN 2304-8158, 2022, iss. 6, art. 815, str. 1-12, ilustr. https://www.mdpi.com/2304-8158/11/6/815, https://doi.org/10.3390/foods11060815, doi: 10.3390/foods11060815. [COBISS.SI-ID 100942339], [JCR, SNIP, WoS do 16. 4. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 18. 4. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A1 (Z, A'', A', A1/2); uvrstitev: Scopus (d), SCI, Scopus, MBP; tip dela je verificiral OSICB
točke: 53.82, št. avtorjev: 1/2

22. AZAMBUJA, Rafael, **DEVALLANCE, David Brian**, MCNEEL, Joseph. Evaluation of low-grade yellow-poplar (Liriodendron tulipifera) as raw material for cross-laminated timber panel production. Forest products journal, ISSN 0015-7473, 2022, vol. 72, no. 1, str. 1-10, ilustr. https://meridian.allenpress.com/fpj/article/72/1/1/475556/Evaluation-of-Low-Grade-Yellow-Poplar-Liriodendron, https://doi.org/10.13073/FPJ-D-21-00050, doi: 10.13073/FPJ-D-21-00050. [COBISS.SI-ID 93562115], [JCR, SNIP, WoS do 26. 10. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.33, Scopus do 17. 9. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.33]
kategorija: 1A3 (Z); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICT
točke: 20, št. avtorjev: 1/3

23. RAHIMI, Sohrab, **DEVALLANCE, David Brian**, et al. Dying behavior of hardwood components (sapwood, heartwood, and bark) of red oak and yellow-poplar. Forests, ISSN 1999-4907. [Online ed.], 2022, vol. 13, št. 2, str. 1-14, ilustr. https://www.mdpi.com/1999-4907/13/5/722, doi: 10.3390/f13050722. [COBISS.SI-ID 109000707], [JCR, SNIP, WoS do 26. 10. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.20, Scopus do 16. 7. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.20]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICB
točke: 21.06, št. avtorjev: 1/5

24. **HAN, Lei**, **KUTNAR, Andreja**, COUCEIRO, José, SANDBERG, Dick. Creep properties of densified wood in bending. Forests, ISSN 1999-4907. [Online ed.], 2022, iss. 5, art. 757, str. 1-12, ilustr. https://www.mdpi.com/1999-4907/13/5/757, https://doi.org/10.3390/f13050757, doi: 10.3390/f13050757. [COBISS.SI-ID 112102147], [JCR, SNIP, WoS do 24. 6. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 25. 7. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICB
točke: 52.66, št. avtorjev: 2/4

25. DAHLE, Gregory, ECKENRODE, Robert T., SMILEY, E. Thomas, **DEVALLANCE, David Brian**, HOLÁSKOVÁ, Ida. Can mechanical strain and aspect ratio be used to determine codominant unions in red maple without included bark. Forests, ISSN 1999-4907. [Online ed.], 2022, iss. 7, art. 1007, str. 1-13, ilustr. https://www.mdpi.com/1999-4907/13/7/1007/htm, https://doi.org/10.3390/f13071007, doi: 10.3390/f13071007. [COBISS.SI-ID 115440643], [JCR, SNIP, WoS do 7. 8. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 20. 8. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICB
točke: 21.06, št. avtorjev: 1/5

26. PICHLER, Gerhard, **SANDAK, Jakub Michal**, PICCHI, Gianni, KASTNER, Maximilian, GRAIFENBERG, Diego, STAMPFER, Karl, KÜHMAIER, Martin. Timber tracking in a mountain forest supply chain : a case study to analyze functionality, bottlenecks, risks, and costs. Forests, ISSN 1999-4907. [Online ed.], 2022, iss. 9, art. 1373, str. 1-23, ilustr. https://www.mdpi.com/1999-4907/13/9/1373/htm, https://doi.org/10.3390/f13091373, doi: 10.3390/f13091373. [COBISS.SI-ID 122048003], [JCR, SNIP, WoS do 1. 10. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 9. 10. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICB
točke: 15.05, št. avtorjev: 1/7

27. MA, Te, SCHIMLECK, Laurence, DAHLEN, Joseph, YOON, Seung-Chul, INAGAKI, Tetsuya, TSUCHIKAWA, Satoru, **SANDAK, Anna Malgorzata**, **SANDAK, Jakub Michal**. Comparative performance of NIR-hyperspectral imaging systems. Foundations, ISSN 2673-9321, 2022, vol. 2, iss. 3, str. 523-540, ilustr. https://www.mdpi.com/2673-9321/2/3/35, https://doi.org/10.3390/foundations2030035, doi: 10.3390/foundations2030035. [COBISS.SI-ID 112693251]
kategorija: 1NK (S); tip dela je verificiral OSICT
točke: 1.25, št. avtorjev: 2/8

28. **ESAKKIMUTHU, Esakkiammal Sudha**, **DEVALLANCE, David Brian**, PYLYPCHUK, Ievgen, MORENO, Adrian, SIPPONEN, Mika H. Multifunctional lignin-poly (lactic acid) biocomposites for packaging applications. Frontiers in bioengineering and biotechnology, ISSN 2296-4185, 3. okt. 2022, vol. 10, article 1025076, str. 1-14, ilustr. https://www.frontiersin.org/articles/10.3389/fbioe.2022.1025076/full, https://doi.org/10.3389/fbioe.2022.1025076, doi: 10.3389/fbioe.2022.1025076. [COBISS.SI-ID 126705667], [JCR, SNIP, WoS do 5. 1. 2023: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.40, Scopus do 8. 12. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.40]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICT
točke: 46.19, št. avtorjev: 2/5

29. RIGGIO, Mariapaola, **MRISSA, Michael Nicolas**, **KRÉSZ, Miklós Ferenz**, **VCELAK, Jan**, **SANDAK, Jakub Michal**, **SANDAK, Anna Malgorzata**. Leveraging structural health monitoring data through avatars to extend the service life of mass timber buildings. Frontiers in built environment, ISSN 2297-3362, 2022, vol. 8, art. 887593, str. 1-7, ilustr. https://www.frontiersin.org/articles/10.3389/fbuil.2022.887593/full, https://doi.org/10.3389/fbuil.2022.887593, doi: 10.3389/fbuil.2022.887593. [COBISS.SI-ID 112219907], [SNIP, WoS do 2. 1. 2023: št. citatov (TC): 2, čistih citatov (CI): 2, čistih citatov na avtorja (CIAu): 1.67, Scopus do 20. 9. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.83]
kategorija: 1A2 (Z, A', A1/2); uvrstitev: Scopus (d), Scopus, MBP; tip dela je verificiral OSICT
točke: 76.35, št. avtorjev: 5/6

30. GORJAN, Daša, **ŠARABON, Nejc**, BABIČ, Jan. Inter-individual variability in postural control during external center of mass stabilization. Frontiers in physiology, ISSN 1664-042X, Jan. 2022, vol. 12, str. 1-7, doi: 10.3389/fphys.2021.722732. [COBISS.SI-ID 91642627], [JCR, SNIP, WoS do 26. 10. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.33, Scopus do 18. 8. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.33]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICT
točke: 35.05, št. avtorjev: 1/3

31. **SAŠEK, Matic**, MIRKOV, Dragan, HODŽIĆ, Vedran, **ŠARABON, Nejc**. The validity of the two-point method for assessing the force-velocity relationship of the knee flexors and knee extensors : The relevance of distant force-velocity testing. Frontiers in physiology, ISSN 1664-042X, 2022, vol. 13, št. 2, str. 1-11, ilustr. https://www.frontiersin.org/articles/10.3389/fphys.2022.849275/full, doi: 10.3389/fphys.2022.849275. [COBISS.SI-ID 113616899], [JCR, SNIP]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 52.58, št. avtorjev: 2/4

32. **SMAJLA, Darjan**, SPUDIĆ, Darjan, KOZINC, Žiga, **ŠARABON, Nejc**. Differences in force-velocity profiles during countermovement jump and flywheel squats and associations with a different change of direction tests in elite karatekas. Frontiers in physiology, ISSN 1664-042X, 2022, vol. 13, iss. 2, str. 1-12. https://www.frontiersin.org/articles/10.3389/fphys.2022.828394/full, doi: 10.3389/fphys.2022.828394. [COBISS.SI-ID 112244995], [JCR, SNIP, WoS do 15. 7. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 27. 7. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 52.58, št. avtorjev: 2/4

33. PLEŠA, Jernej, KOZINC, Žiga, **ŠARABON, Nejc**. Bilateral deficit in countermovement jump and its influence on linear sprinting, jumping, and change of direction ability in volleyball players. Frontiers in physiology, ISSN 1664-042X, 2022, vol. 13, art. 768906, str. 1-8, tabele, graf. prikazi. https://doi.org/10.3389/fphys.2022.768906, doi: 10.3389/fphys.2022.768906. [COBISS.SI-ID 96221443], [JCR, SNIP, WoS do 26. 10. 2022: št. citatov (TC): 1, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 26. 9. 2022: št. citatov (TC): 1, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 35.05, št. avtorjev: 1/3

34. **SAŠEK, Matic**, MIRKOV, Dragan, HADŽIĆ, Vedran, **ŠARABON, Nejc**. The validity of the 2-point method for assessing the force-velocity relationship of the knee flexors and knee extensors : the relevance of distant force-velocity testing. Frontiers in physiology, ISSN 1664-042X, 2022, vol. 13, art. 849275, str. 1-11, ilustr. https://www.frontiersin.org/articles/10.3389/fphys.2022.849275/full, https://fjfsdata01prod.blob.core.windows.net/articles/files/849275/pubmed-zip/versions/1/package-entries/fphys-13-849275/fphys-13-849275.pdf?sv=2018-03-28&sr=b&sig=6ExHbUeJgX5PCRm4Q3UjoN0G5yFuBowC88OFU%2B8rydg%3D&se=2022-07-04T13%3A28%3A28Z&sp=r&rscd=attachment%3B%20filename%2A%3DUTF-8%27%27fphys-13-849275.pdf, doi: 10.3389/fphys.2022.849275. [COBISS.SI-ID 113766659], [JCR, SNIP]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 52.58, št. avtorjev: 2/4

35. MOOSES, Kerli, **BURNARD, Michael David**, GUARDADO, Diana, et al. Involving older adults during COVID-19 restrictions in developing an ecosystem supporting active aging: overview of alternative elicitation methods and common requirements from five European countries. Frontiers in psychology, ISSN 1664-1078, 2022, vol. 13, no. 2, str. 1-14, ilustr. https://www.frontiersin.org/articles/10.3389/fpsyg.2022.818706/full, doi: 10.3389/fpsyg.2022.818706. [COBISS.SI-ID 100988419], [JCR, SNIP, WoS do 26. 10. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.07]
kategorija: 1A1 (Z, A'', A', A1/2); uvrstitev: Scopus (d), SSCI, MBP; tip dela je verificiral OSICD
točke: 7.76, št. avtorjev: 1/22

36. GONZALEZ, Marc Elmeneua, **ŠARABON, Nejc**. The effects of a real-time visual kinetic feedback intervention on shock attenuation of the equestrian rider's trunk : a pilot study. Frontiers in sports and active living, ISSN 2624-9367, jun. 2022, vol. 4, iss. 2, str. 1-7, ilustr. https://www.frontiersin.org/articles/10.3389/fspor.2022.899379/full, doi: 10.3389/fspor.2022.299379. [COBISS.SI-ID 112399875], [SNIP]
kategorija: 1A1 (Z, A'', A', A1/2); uvrstitev: Scopus (d), Scopus, MBP; tip dela je verificiral OSICD
točke: 55.47, št. avtorjev: 1/2

37. **ŠARABON, Nejc**, KOZINC, Žiga, MARKOVIĆ, Goran. Effects of age, sex and task on postural sway during quiet stance. Gait & posture, ISSN 0966-6362. [Print ed.], feb. 2022, vol. 92, iss. 2, str. 68-94, ilustr. https://www.sciencedirect.com/science/article/pii/S0966636221005993, doi: 10.1016/j.gaitpost.2021.11.020. [COBISS.SI-ID 86502403], [JCR, SNIP, WoS do 26. 10. 2022: št. citatov (TC): 2, čistih citatov (CI): 2, čistih citatov na avtorja (CIAu): 0.67, Scopus do 10. 11. 2022: št. citatov (TC): 3, čistih citatov (CI): 3, čistih citatov na avtorja (CIAu): 1.00]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICM
točke: 27.88, št. avtorjev: 1/3

38. KOZINC, Žiga, **SMAJLA, Darjan, ŠARABON, Nejc**. Relationship between hip abductor strenght, rate of torque development scaling factor and medio-lateral stability in older adults. Gait & posture, ISSN 0966-6362. [Print ed.], 2022, vol. 95, no. 6, str. 264-269, ilustr. https://www.sciencedirect.com/science/article/abs/pii/S0966636220306378, doi: 10.1016/j.gaitpost.2020.11.010. [COBISS.SI-ID 37749507], [JCR, SNIP, WoS do 26. 10. 2022: št. citatov (TC): 6, čistih citatov (CI): 2, čistih citatov na avtorja (CIAu): 1.33, Scopus do 17. 8. 2022: št. citatov (TC): 4, čistih citatov (CI): 2, čistih citatov na avtorja (CIAu): 1.33]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICM
točke: 55.77, št. avtorjev: 2/3

39. JANIĆIJEVIĆ, Danica, **ŠARABON, Nejc**, PEREZ-CASTILLA, Alejandro, **SMAJLA, Darjan**, FERNANDEZ-REVELLES, Andres, GARCÍA RAMOS, Amador. Single-leg mechanical performance and inter-leg asymmetries during bilateral countermovement jumps : a comparison of different calculation methods. Gait & posture, ISSN 0966-6362. [Print ed.], maj 2022, vol. 96, št. 2, str. 47-52, ilustr. https://www.sciencedirect.com/science/article/pii/S0966636222001357?via%3Dihub, doi: 10.1016/j.gaitpost.2022.05.005. [COBISS.SI-ID 107633923], [JCR, SNIP, WoS do 12. 7. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 20. 10. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.33]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 27.88, št. avtorjev: 2/6

40. VATOVEC, Rok, KOZINC, Žiga, **ŠARABON, Nejc**. Trunk strength and range of motion in adolescent basketball, soccer and tennis players with and without low backpain history. German journal of exercise and sport research, ISSN 2509-3142, 2022, vol. 5, iss. 3, str. 1-10, ilustr. https://link.springer.com/article/10.1007/s12662-022-00857-4#citeas, doi: 10.1007/s12662-022-00857. [COBISS.SI-ID 128598275], [SNIP]
kategorija: 1B (Z); uvrstitev: Scopus, MBP; tip dela je verificiral OSICD
točke: 13.33, št. avtorjev: 1/3

41. JANOVKY, Vit, PIORECKY, Marek, **VCELAK, Jan, MRISSA, Michael Nicolas**. Measuring the physical activity of seniors before and during COVID-19 restrictions in the Czech republic. Healthcare, ISSN 2227-9032, 2022, vol. 10, št. 460, str. 1-16, ilustr. https://www.mdpi.com/2227-9032/10/3/460, doi: 10.3390/healthcare10030460. [COBISS.SI-ID 100963587], [JCR, SNIP, WoS do 5. 11. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.50, Scopus do 28. 10. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.50]
kategorija: 1A2 (Z, A', A1/2); uvrstitev: SSCI, SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 43.51, št. avtorjev: 2/4

42. QUAN, Peng, WANG, Chun-Long, ZHOU, Jun, XIA, He, LIU, Yuanyue, **DEVALLANCE, David Brian**, XIANJUN, Li, XIE, Xinfeng. Natural wood-based metamaterials for highly efficient microwave absorption. Holzforschung, ISSN 0018-3830, 2022, vol. 76, iss. 4, str. 368-379, ilustr. https://www.degruyter.com/document/doi/10.1515/hf-2021-0088/html, https://doi.org/10.1515/hf-2021-0088, doi: 10.1515/hf-2021-0088. [COBISS.SI-ID 104323331], [JCR, SNIP, WoS do 9. 4. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 9. 4. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICT
točke: 12.5, št. avtorjev: 1/8

43. OCHIENG, Peter Juma, LONDON, András, **KRÉSZ, Miklós Ferenz**. A forward-looking approach to compare ranking methods for sports. Information, ISSN 2078-2489, 2022, iss. 5, art. 232, str. 1-17, ilustr. https://www.mdpi.com/2078-2489/13/5/232, https://doi.org/10.3390/info13050232, doi: 10.3390/info13050232. [COBISS.SI-ID 112667139], [SNIP, WoS do 24. 6. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 24. 6. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1B (Z); uvrstitev: Scopus, MBP; tip dela je verificiral OSICD
točke: 13.33, št. avtorjev: 1/3

44. KAVKLER, Katja, HUMAR, Miha, KRŽIŠNIK, Davor, TURK, Martina, **TAVZES, Črtomir**, GOSTINČAR, Cene, DŽEROSKI, Sašo, POPOVIC, Stefan, PENKO, Ana, GUNDE-CIMERMAN, Nina, ZALAR, Polona. A multidisciplinary study of biodeteriorated Celje Ceiling, a tempera painting on canvas. International Biodeterioration & Biodegradation, ISSN 1879-0208. [Online ed.], 2022, vol. 170, 1 spletni vir (1 datoteka PDF ([14 str.])), ilustr. https://www.sciencedirect.com/science/article/pii/S0964830522000178, doi: 10.1016/j.ibiod.2022.105389. [COBISS.SI-ID 99197187], [JCR, Scopus do 10. 3. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, MBP; tip dela je verificiral OSICB
točke: 9.26, št. avtorjev: 1/11

45. KAVKLER, Katja, DEMŠAR, Andrej, **TAVZES, Črtomir**, GOSTINČAR, Cene, ZALAR, Polona. Discolouration of fungal stains on cotton textiles. International biodeterioration & biodegradation, ISSN 0964-8305. [Print ed.], 2022, vol. 172, iss. Aug, str. 1-7, ilustr. https://www.sciencedirect.com/science/article/pii/S0964830522000555?dgcid=author, doi: doi.org/10.1016/j.ibiod.2022.105427. [COBISS.SI-ID 110792195], [JCR, SNIP]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICT
točke: 19.28, št. avtorjev: 1/5

46. **GORDOBIL, Oihana**, LI, Huisi, AYERDI IZQUIERDO, Ana, EGIZABAL, Ainhoa, SEVASTYANOVA, Olena, **SANDAK, Anna Malgorzata**. Surface chemistry and bioactivity of colloidal particles from industrial kraft lignins. International journal of biological macromolecules, ISSN 0141-8130. [Print ed.], 2022, vol. 220, str. 1444-1453, ilustr. https://www.sciencedirect.com/science/article/abs/pii/S0141813022020426#ab0005, https://doi.org/10.1016/j.ijbiomac.2022.09.111, doi: 10.1016/j.ijbiomac.2022.09.111. [COBISS.SI-ID 122093827], [JCR, SNIP, WoS do 9. 10. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 8. 10. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A1 (Z, A'', A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICT
točke: 49.17, št. avtorjev: 2/6

47. ZERBO ŠPORIN, Dorjana, KOZINC, Žiga, PRIJON, Ticijana, **ŠARABON, Nejc**. The prevalence and severity of sick leave due to low back disorders among workers in Slovenia : analysis of national data across gender, age and classification of economic activities. International journal of environmental research and public health, ISSN 1660-4601. [Online ed.], 2022, iss. 1, art. 131, str. 1-18, ilustr. https://www.mdpi.com/1660-4601/19/1/131, https://doi.org/10.3390/ijerph19010131, doi: 10.3390/ijerph19010131. [COBISS.SI-ID 90945795], [JCR, SNIP, WoS do 22. 1. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 22. 8. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.25]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SSCI, SCI, Scopus, MBP; tip dela je verificiral OSICM
točke: 25.26, št. avtorjev: 1/4

48. ČEKLIĆ, Urška, **ŠARABON, Nejc**, KOZINC, Žiga. Postural control in unipedal quiet stance in young female gymnasts and the effects of training with consideration of transient behavior of postural sway. International journal of environmental research and public health, ISSN 1660-4601. [Online ed.], 2022, iss. 2, art. 982, str. 1-9, ilustr. https://www.mdpi.com/1660-4601/19/2/982/htm, https://doi.org/10.3390/ijerph19020982, doi: 10.3390/ijerph19020982. [COBISS.SI-ID 93561603], [JCR, SNIP, WoS do 19. 12. 2022: št. citatov (TC): 2, čistih citatov (CI): 2, čistih citatov na avtorja (CIAu): 0.67, Scopus do 27. 12. 2022: št. citatov (TC): 2, čistih citatov (CI): 2, čistih citatov na avtorja (CIAu): 0.67]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SSCI, SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 33.68, št. avtorjev: 1/3

49. **KASTELIC, Kaja**, **ŠARABON, Nejc**, **BURNARD, Michael David**, PEDIŠIĆ, Željko. Validity and reliability of the daily activity behaviours questionnaire (dabq) for assessment of time spent in sleep, sedentary behaviour, and physical activity. International journal of environmental research and public health, ISSN 1660-4601. [Online ed.], 2022, iss. 9, art. 5362, str. 1-11, ilustr. https://www.mdpi.com/1660-4601/19/9/5362, https://doi.org/10.3390/ijerph19095362, doi: 10.3390/ijerph19095362. [COBISS.SI-ID 106599939], [JCR, SNIP, WoS do 18. 12. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.75, Scopus do 8. 12. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.75]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SSCI, SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 75.79, št. avtorjev: 3/4

50. **SAJINČIČ, Nežka**, **SANDAK, Anna Malgorzata**, ISTENIČ, Andreja. Pre-service and in-service teacher's view on gamification. International journal: emerging technologies in learning, ISSN 1863-0383, 2022, vol. 17, no. 3, str. 83-103, ilustr., doi: 10.3991/ijet.v17i03.26761. [COBISS.SI-ID 100876035], [SNIP, WoS do 26. 10. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A2 (Z, A', A1/2); uvrstitev: Scopus (d), Scopus, MBP; tip dela je verificiral OSICD
točke: 65.75, št. avtorjev: 2/3

51. TRAJKOVIĆ, Nebojša, **SMAJLA, Darjan**, KOZINC, Žiga, **ŠARABON, Nejc**. Postural stability in single-leg quiet stance in highly trained athletes : sex and sport differences. Journal of clinical medicine, ISSN 2077-0383, 2022, iss. 4, art. 1009, str. 1-9, tabele. https://www.mdpi.com/2077-0383/11/4/1009, https://doi.org/10.3390/jcm11041009, doi: 10.3390/jcm11041009. [COBISS.SI-ID 97529091], [JCR, SNIP, WoS do 9. 1. 2023: št. citatov (TC): 3, čistih citatov (CI): 3, čistih citatov na avtorja (CIAu): 1.50, Scopus do 7. 12. 2022: št. citatov (TC): 2, čistih citatov (CI): 2, čistih citatov na avtorja (CIAu): 1.00]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 47.61, št. avtorjev: 2/4

52. KAMBIČ, Tim, **ŠARABON, Nejc**, HADŽIĆ, Vedran, LAINŠČAK, Mitja. High-load and low-load resistance exercise in patients with coronary artery disease : feasibility and safety of a randomized controlled clinical trial. Journal of clinical medicine, ISSN 2077-0383, 2022, vol. 11, no. 13, art. 3567, str. 1-16. https://www.mdpi.com/2077-0383/11/13/3567/htm, https://mdpi-res.com/d_attachment/jcm/jcm-11-03567/article_deploy/jcm-11-03567-v2.pdf?version=1655867495, doi: 10.3390/jcm11133567. [COBISS.SI-ID 112932099], [JCR, SNIP, WoS do 18. 7. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 15. 7. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 23.8, št. avtorjev: 1/4

53. HADŽIĆ, Vedran, SATTLER, Tine, PORI, Primož, VESELKO, Matjaž, DERVIŠEVIĆ, Edvin, **ŠARABON, Nejc**, MARKOVIĆ, Goran. Quadriceps strength asymmetry as predictor of ankle sprain in male volleyball players. The Journal of sports medicine and physical fitness, ISSN 1827-1928, 2022, vol. 62, no. 6, str. 822-829, ilustr. https://www.minervamedica.it/en/journals/sports-med-physical-fitness/article.php?cod=R40Y9999N00A21051004, doi: 10.23736/S0022-4707.21.12370-9. [COBISS.SI-ID 62791171], [JCR, SNIP, WoS do 29. 7. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 20. 6. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A4 (Z); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 7.99, št. avtorjev: 1/7

54. VIČIČ, Jernej, **TOŠIĆ, Aleksandar**. Application of Benford%s law on cryptocurrencies. Journal of theoretical and applied electronic commerce research, ISSN 0718-1876, 2022, vol. 17, iss. 1, str. 1-14, ilustr. https://www.mdpi.com/0718-1876/17/1/16, https://doi.org/10.3390/jtaer17010016, doi: 10.3390/jtaer17010016. [COBISS.SI-ID 99445763], [JCR, SNIP, WoS do 14. 4. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 10. 3. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A1 (Z, A'', A', A1/2); uvrstitev: Scopus (d), SSCI, Scopus, MBP; tip dela je verificiral OSICN
točke: 64.96, št. avtorjev: 1/2

55. **HROVATIN, Niki**, **TOŠIĆ, Aleksandar**, VIČIČ, Jernej. In-network convolution in grid shaped sensor networks. Journal of web engineering, ISSN 1540-9589, 2022, vol. 21, no. 1, str. 75%96, ilustr. https://journals.riverpublishers.com/index.php/JWE/article/view/12517, https://doi.org/10.13052/jwe1540-9589.2114, doi: 10.13052/jwe1540-9589.2114. [COBISS.SI-ID 90480387], [JCR, SNIP, WoS do 26. 10. 2022: št. citatov (TC): 1, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 23. 4. 2022: št. citatov (TC): 1, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A4 (Z); uvrstitev: SCI, Scopus; tip dela je verificiral OSICT
točke: 27.6, št. avtorjev: 2/3

56. **TOŠIĆ, Aleksandar**, VIČIČ, Jernej. Spatial path selection and network topology optimisation in P2P anonymous routing protocols. Journal of web engineering, ISSN 1540-9589, 2022, vol. 21, no. 1, str. 97-118, ilustr. https://journals.riverpublishers.com/index.php/JWE/article/view/12519, doi: 10.13052/jwe1540-9589.2115. [COBISS.SI-ID 89619715], [JCR, SNIP, WoS do 16. 12. 2021: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 25. 2. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A4 (Z); uvrstitev: SCI, Scopus; tip dela je verificiral OSICT
točke: 25.87, št. avtorjev: 1/2

57. **LIPOVAC, Dean**, **ŽITNIK, Jure**, **BURNARD, Michael David**. A pilot study examining the suitability of the mental arithmetic task and single-item measures of affective states to assess affective, physiological, and attention restoration at a wooden desk. Journal of wood science, ISSN 1435-0211. [Print ed.], 2022, vol. 68, art. 35, str. 1-17, ilustr. https://jwoodscience.springeropen.com/articles/10.1186/s10086-022-02042-5, https://doi.org/10.1186/s10086-022-02042-5, doi: 10.1186/s10086-022-02042-5. [COBISS.SI-ID 115723011], [JCR, SNIP, WoS do 19. 7. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 19. 7. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICT
točke: 102.53, št. avtorjev: 3/3

58. VOR HOOREN, Bas, KOZINC, Žiga, **SMAJLA, Darjan**, **ŠARABON, Nejc**. Isometric single-joint rate of force development shows trivial to small association with jumping rate of force development, jump height, and propulsive duration. JSAMS Plus, 2022, str. 1-8, ilustr. https://www.sciencedirect.com/science/article/pii/S2772696722000060, doi: 10.1016/j.saml.2022.100006. [COBISS.SI-ID 129788675]
kategorija: 1NK (S); tip dela je verificiral OSICD
točke: 2.5, št. avtorjev: 2/4

59. **ZOUARI, Mariem**, **DEVALLANCE, David Brian**, **MARROT, Laetitia Sarah Jennifer**. Effect of biochar addition on mechanical properties, thermal stability, and water resistance of hemp-polylactic acid (PLA) composites. Materials, ISSN 1996-1944, 2022, iss. 6, art. 2271, str. 1-16, ilustr. https://www.mdpi.com/1996-1944/15/6/2271, https://doi.org/10.3390/ma15062271, doi: 10.3390/ma15062271. [COBISS.SI-ID 102370819], [JCR, SNIP, WoS do 1. 1. 2023: št. citatov (TC): 3, čistih citatov (CI): 3, čistih citatov na avtorja (CIAu): 3.00, Scopus do 8. 1. 2023: št. citatov (TC): 4, čistih citatov (CI): 4, čistih citatov na avtorja (CIAu): 4.00]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICN
točke: 106.6, št. avtorjev: 3/3

60. ČUROVIĆ, Luka, MUROVEC, Jure, NOVAKOVIĆ, Tadej, **PRISLAN, Rok**, PREZELJ, Jurij. Time-frequency methods for characterization of room impulse responses and decay time measurement. Measurement : journal of the International Measurement Confederation, ISSN 0263-2241. [Print ed.], June 2022, vol. 196, str. 1-17, ilustr. https://www.sciencedirect.com/science/article/abs/pii/S0263224122004730, doi: 10.1016/j.measurement.2022.111223. [COBISS.SI-ID 106664707], [JCR, SNIP, WoS do 24. 6. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 23. 5. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICN
točke: 22.33, št. avtorjev: 1/5

61. KOZINC, Žiga, **SMAJLA, Darjan**, TRAJKOVIĆ, Nebojša, **ŠARABON, Nejc**. Reliability of easyforce dynamometer for assessment of maximal knee and hip strength, and comparison to rigid isometric dynamometers with external fixation. Measurement in physical education and exercise science, ISSN 1532-7841, 2022, vol. 26, iss. 3, str. 232-244, ilustr. https://www.tandfonline.com/doi/full/10.1080/1091367X.2021.2019037?src=, https://doi.org/10.1080/1091367X.2021.2019037, doi: 10.1080/1091367X.2021.2019037. [COBISS.SI-ID 91550979], [JCR, SNIP, WoS do 26. 10. 2022: št. citatov (TC): 1, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 16. 1. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A3 (Z); uvrstitev: SSCI, SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 33.63, št. avtorjev: 2/4

62. **HERRERA DIAZ, Rene Alexander**, HERMOSO, Eva, LABIDI, Jalel, FERNÁNDEZ-GOLFÍN, Covadonga. Non-destructive determination of core-transition-outer wood of Pinus nigra combining FTIR spectroscopy and prediction models. Microchemical journal, ISSN 0026-265X. [Print ed.], 2022, vol. 179, art. 107532, str. 1-8, ilustr. https://www.sciencedirect.com/science/article/pii/S0026265X22003605?via%3Dihub, https://doi.org/10.1016/j.microc.2022.107532, doi: 10.1016/j.microc.2022.107532. [COBISS.SI-ID 112239619], [JCR, SNIP, WoS do 23. 12. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.25, Scopus do 5. 12. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.25]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICT
točke: 26.39, št. avtorjev: 1/4

63. **MARROT, Laetitia Sarah Jennifer**, MEILE, Kristine, **ZOUARI, Mariem**, **DEVALLANCE, David Brian**, **SANDAK, Anna Malgorzata**, **HERRERA DIAZ, Rene Alexander**. Characterization of the compounds released in the gaseous waste stream during the slow pyrolysis of hemp (Cannabis sativa L.). Molecules, ISSN 1420-3049, 2022, vol. 27, iss. 9, str. 1-13, ilustr. https://www.mdpi.com/1420-3049/27/9/2794, doi: 10.3390/molecules27092794. [COBISS.SI-ID 109008387], [JCR, SNIP, WoS do 27. 5. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 25. 5. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICN
točke: 74.34, št. avtorjev: 5/6

64. **PEETERS, Kelly**, MIKLAVČIČ VIŠNJEVEC, Ana, **TAVZES, Črtomir**. The use of modified Fe3O4 particles to recover polyphenolic compounds for the valorisation of olive mill wastewater from Slovenian Istria. Nanomaterials, ISSN 2079-4991. [Online ed.], 2022, iss. 12, art. 2327, str. 1-14, ilustr. https://www.mdpi.com/2079-4991/12/14/2327, https://doi.org/10.3390/nano12142327, doi: 10.3390/nano12142327. [COBISS.SI-ID 118192131], [JCR, SNIP, WoS do 15. 8. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 15. 8. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICB
točke: 75.11, št. avtorjev: 2/3

65. **SMAJLA, Darjan**, KOZINC, Žiga, **ŠARABON, Nejc**. Associations between lower limb eccentric muscle capability and change of direction in basketball and tennis players. PeerJ, ISSN 2167-8359, 2022, vol. 10, št. 2, str. 1-15, ilustr. http://doi.org/10.7717/peerj.13439, doi: 10.7717/peerj.13439. [COBISS.SI-ID 108730115], [JCR, SNIP, WoS do 24. 6. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 28. 12. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.67]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 56.49, št. avtorjev: 2/3

66. GONZÁLES, Marc Elmeua, **ŠARABON, Nejc**. Effects of saddle tilt and stirrup length on the kinetics of horseback riders. PeerJ, ISSN 2167-8359, 2022, vol. 10, št. 2, str. 1-16, ilustr. https://peerj.com/articles/14438/#, doi: 10.7717/peerj.14438. [COBISS.SI-ID 132332035], [JCR, SNIP, Scopus do 24. 12. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 42.36, št. avtorjev: 1/2

67. MANOJLOVIĆ, Denisa, **ŠARABON, Nejc**, PROSEN, Mirko. The influence of an 8-week therapeutic exercise program on the patient experience of patellofemoral pain : a qualitative descriptove study. Physiotherapy theory and practice, ISSN 0959-3985, [v tisku], [v tisku], [v tisku], str. 1-10, doi: 10.1080/09593985.2022.2045410. [COBISS.SI-ID 99602179], [JCR, SNIP, WoS do 15. 3. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 27. 3. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A3 (Z); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 26.28, št. avtorjev: 1/3

68. KOVÁCS, László, BÓTA, András, **HAJDU, László**, **KRÉSZ, Miklós Ferenz**. Brands, networks, communities : how brand names are wired in the mind. PloS one, ISSN 1932-6203, 2022, iss. 8, art. e0273192, str. 1-25, ilustr. https://journals.plos.org/plosone/article/authors?id=10.1371/journal.pone.0273192, https://doi.org/10.1371/journal.pone.0273192, doi: 10.1371/journal.pone.0273192. [COBISS.SI-ID 122061059], [JCR, SNIP, Scopus do 21. 9. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICT
točke: 45.13, št. avtorjev: 2/4

69. MARUŠIČ, Jan, **ŠARABON, Nejc**. Hip adduction and abduction strength in youth male soccer and basketball players with and without groin pain in the past year. PloS one, ISSN 1932-6203, 2022, letn. 17, št. 10, str. 1-13, ilustr. https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0275650, doi: 10.1371/journal.pone.0275650. [COBISS.SI-ID 124457219], [JCR, SNIP, Scopus do 8. 1. 2023: št. citatov (TC): 1, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 45.13, št. avtorjev: 1/2

70. PLEŠA, Jernej, KOZINC, Žiga, **SMAJLA, Darjan**, **ŠARABON, Nejc**. The association between reactive strength index and reactive strength index modified with approach jump performance. PloS one, ISSN 1932-6203, 2022, art. e0264144, iss. 2, str. 1-10, ilustr. https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0264144, https://doi.org/10.1371/journal.pone.0264144, doi: 10.1371/journal.pone.0264144. [COBISS.SI-ID 97924355], [JCR, SNIP, WoS do 1. 1. 2023: št. citatov (TC): 2, čistih citatov (CI): 2, čistih citatov na avtorja (CIAu): 1.00, Scopus do 16. 12. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.50]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 45.13, št. avtorjev: 2/4

71. **GORDOBIL, Oihana**, **HERRERA DIAZ, Rene Alexander**, **SANDAK, Jakub Michal**, **SANDAK, Anna Malgorzata**. One-step lignin refining process : the influence of the solvent nature on the properties and quality of fractions. Polymers, ISSN 2073-4360, 2022, iss. 12, art. 2363, str. 1-20, ilustr. https://www.mdpi.com/2073-4360/14/12/2363, https://doi.org/10.3390/polym14122363, doi: 10.3390/polym14122363. [COBISS.SI-ID 112232963], [JCR, SNIP, WoS do 4. 7. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 31. 12. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 1.00]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICB
točke: 109.12, št. avtorjev: 4/4

72. CAMPOS MIJANGOS, Cuauhtli, KLJUN, Matjaž, **SANDAK, Jakub Michal**, ČOPIČ PUCIHAR, Klen. LightMeUp : back-print illumination paper display with multi-stable visuals. Proceedings of the ACM on human-computer interaction, ISSN 2573-0142, 2022, iss. ISS, art. 573, str. 407-429, ilustr. https://dl.acm.org/doi/10.1145/3570333, https://doi.org/10.1145/3570333, doi: 10.1145/3570333. [COBISS.SI-ID 130409219], [SNIP]
kategorija: 1A1 (Z, A'', A', A1/2); uvrstitev: Scopus (d), Scopus, MBP; tip dela še ni verificiran
točke: 27.34, št. avtorjev: 1/4

73. ORŁOWSKI, Kazimierz A., CHUCHAŁA, Daniel, SZCZEPANSKI, Marcin, MIGDA, Wojciech, WOJNICZ, Wiktoria, **SANDAK, Jakub Michal**. Lateral forces determine dimensional accuracy of the narrow-kerf sawing of wood. Scientific reports, ISSN 2045-2322, 2022, vol. 12, art. 86, str. 1-15, ilustr. https://www.nature.com/articles/s41598-021-04129-3, https://doi.org/10.1038/s41598-021-04129-3, doi: 10.1038/s41598-021-04129-3. [COBISS.SI-ID 93068803], [JCR, SNIP, WoS do 6. 2. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 6. 1. 2023: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.17]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICB
točke: 16.67, št. avtorjev: 1/6

74. CAMPOS MIJANGOS, Cuauhtli, **SANDAK, Jakub Michal**, KLJUN, Matjaž, ČOPIČ PUCIHAR, Klen. The Hybrid stylus : a multi-surface active stylus for interacting with and handwriting on paper, tabletop display or both. Sensors, ISSN 1424-8220, 2022, iss. 18, art. 7058, str. 1-23, ilustr. https://www.mdpi.com/1424-8220/22/18/7058, https://doi.org/10.3390/s22187058, doi: 10.3390/s22187058. [COBISS.SI-ID 122107907], [JCR, SNIP, WoS do 29. 9. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 9. 10. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICT
točke: 24.02, št. avtorjev: 1/4

75. **STARMAN, Vesna**, BIRSA, Eda. Interdisciplinarno povezovanje znanosti in umetnosti v študijskem procesu. Sodobna pedagogika, ISSN 0038-0474, jun. 2022, letn. 73(139), št. 2, str. 60-75. https://www.sodobna-pedagogika.net/clanki/02-2022_interdisciplinarno-povezovanje-znanosti-in-umetnosti-v-studijskem-procesu/. [COBISS.SI-ID 114151427], [SNIP, Scopus do 24. 8. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A4 (Z); uvrstitev: Scopus (d), MBP; tip dela je verificiral OSICD
točke: 30, št. avtorjev: 1/2

76. **HROVATIN, Niki**, **TOŠIĆ, Aleksandar**, VIČIČ, Jernej. PPWSim : privacy preserving wireless sensor network simulator. SoftwareX, ISSN 2352-7110, jun. 2022, vol. 18, art. 101067, str. 1-7, ilustr. https://www.sciencedirect.com/science/article/pii/S2352711022000516?via%3Dihub#!, https://doi.org/10.1016/j.softx.2022.101067, doi: 10.1016/j.softx.2022.101067. [COBISS.SI-ID 104326403], [JCR, SNIP, WoS do 5. 5. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 13. 10. 2022: št. citatov (TC): 2, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]

77. KOZINC, Žiga, **SMAJLA, Darjan**, **ŠARABON, Nejc**. The reliability of wearable commercial sensors for outdoor assessment of running biomechanics : the effect of surface and running speed. Sports biomechanics, ISSN 1476-3141, 2022, str. 1-15, ilustr. https://www.tandfonline.com/doi/full/10.1080/14763141.2021.2022746, https://doi.org/10.1080/14763141.2021.2022746, doi: 10.1080/14763141.2021.2022746. [COBISS.SI-ID 93218819], [JCR, SNIP, WoS do 19. 11. 2022: št. citatov (TC): 2, čistih citatov (CI): 2, čistih citatov na avtorja (CIAu): 1.33, Scopus do 10. 11. 2022: št. citatov (TC): 3, čistih citatov (CI): 3, čistih citatov na avtorja (CIAu): 2.00]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela še ni verificiran
točke: 53.33, št. avtorjev: 2/3

78. **SLAVEC, Ana**. Underrated innovativeness of micro-enterprises compared to small to medium enterprises in the Slovenian forest-wood sector. Sustainability, ISSN 2071-1050, 2022, iss. 4, art. 1991, str. 1-17, ilustr. https://doi.org/10.3390/su14041991, https://www.mdpi.com/2071-1050/14/4/1991, doi: 10.3390/su14041991. [COBISS.SI-ID 99177987], [JCR, SNIP, WoS do 18. 11. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 1.00, Scopus do 5. 11. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 1.00]
kategorija: 1A1 (Z, A'', A', A1/2); uvrstitev: Scopus (d), SCI, SSCI, Scopus, MBP; tip dela je verificiral OSICB
točke: 101.48, št. avtorjev: 1/1

79. **SMAJLA, Darjan**, KOZINC, Žiga, **ŠARABON, Nejc**. Associations between lower limb eccentric muscle **PRIMOŽIČ, Lea**, **KUTNAR, Andreja**. Sustainability communication in global consumer brands. Sustainability, ISSN 2071-1050, 2022, iss. 20, art. 13586, str. 1-17, ilustr. https://www.mdpi.com/2071-1050/14/20/13586, https://doi.org/10.3390/su142013586, doi: 10.3390/su142013586. [COBISS.SI-ID 126705155], [JCR, SNIP, WoS do 10. 11. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 11. 11. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A1 (Z, A'', A', A1/2); uvrstitev: Scopus (d), SCI, SSCI, Scopus, MBP; tip dela je verificiral OSICN
točke: 101.48, št. avtorjev: 2/2

80. KOZLOVIČ, Peter, **ŠARABON, Nejc**, FONDA, Borut. Študija primera : vpliv dolžine gonilke na biomehanske lastnosti kolesarjenja. Šport : revija za teoretična in praktična vprašanja športa, ISSN 0353-7455, 2022, letn. 70, št. 1/2, str. 181-187, ilustr. [COBISS.SI-ID 113088259]
kategorija: 1C (Z); uvrstitev: MBP; tip dela je verificiral OSICD
točke: 10, št. avtorjev: 1/3

81. DJURIĆ, Daniel, PLEŠA, Jernej, KOZINC, Žiga, **ŠARABON, Nejc**. Uporaba ultrazvočne elastografije za ocenjevanje mišične togosti pri športnikih : ponovljivost, medmišične in znotrajmišične razlike. Šport : revija za teoretična in praktična vprašanja športa, ISSN 0353-7455, 2022, letn. 70, št. 1/2, str. 188-194, ilustr. [COBISS.SI-ID 113088515]
kategorija: 1C (Z); uvrstitev: MBP; tip dela je verificiral OSICD
točke: 7.5, št. avtorjev: 1/4

82. ŽELEZNIK, Petra, SLAK, Vita, KOZINC, Žiga, **ŠARABON, Nejc**. Povezava med bilateralnim deficitom in telesno zmogljivostjo. Šport : revija za teoretična in praktična vprašanja športa, ISSN 0353-7455, 2022, vol.70, št. 3/4, str. 203-207, ilustr. [COBISS.SI-ID 134593027]
kategorija: 1C (Z); uvrstitev: MBP; tip dela je verificiral OSICD
točke: 7.5, št. avtorjev: 1/4

83. MARUŠIČ, Jan, **ŠARABON, Nejc**. Hip adduction and abduction strength in youth male soccer and basketball LEBAN, Žiga, **ŠARABON, Nejc**, MARUŠIČ, Jan. Poznavanje in pogostost izvajanja nordijske in kopenhagenske vaje med registriranimi športniki v Sloveniji. Šport : revija za teoretična in praktična vprašanja športa, ISSN 0353-7455, 2022, letn. 70, št. 4, str. 121-127, ilustr. [COBISS.SI-ID 133792515]
kategorija: 1C (Z); uvrstitev: MBP; tip dela je verificiral OSICD
točke: 10, št. avtorjev: 1/3

84. BALOGH, János, **DÁVID, Balázs**, **KRÉSZ, Miklós Ferenz**, TÓTH, Attila, TÓTH, László. A general framework for evaluating driver schedules in public transport. Transport problems : international scientific journal, ISSN 1896-0596. [Printed ed.], 2022, vol. 17, iss. 1, str. 163-174, ilustr. http://transportproblems.polsl.pl/pl/Archiwum/2022/zeszyt1/2022t17z1_14.pdf, https://doi.org/10.20858/tp.2022.17.1.14, doi: 10.20858/tp.2022.17.1.14. [COBISS.SI-ID 105288963], [SNIP, WoS do 8. 8. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 7. 5. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A3 (Z, A', A1/2); uvrstitev: Scopus (d), Scopus, MBP; tip dela je verificiral OSICT
točke: 25.9, št. avtorjev: 2/5s

85. ECKENRODE, Robert T., **DEVALLANCE, David Brian**, et al. Examining strain propagation in the branch unions of Querqus alba L. and Quercus montana Willd. Urban forestry & urban greening, ISSN 1610-8167, 2022, vol. 73, iss. 3, str. 1-7, ilustr. https://www.sciencedirect.com/science/article/pii/S1618866722001340, doi: 10.1016/j.ufug.2022.127591. [COBISS.SI-ID 109012227], [JCR, SNIP, WoS do 26. 10. 2022: št. citatov (TC): 1, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 20. 8. 2022: št. citatov (TC): 1, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SCI, SSCI, Scopus, MBP; tip dela je verificiral OSICB
točke: 25.07, št. avtorjev: 1/6

86. **LIPOVAC, Dean**, STRØMMEN WIE, Sølvi Therese, NYRUD, Anders Q., **BURNARD, Michael David**. Perception and evaluation of (modified) wood by older adults from Slovenia and Norway. Wood and fiber science, ISSN 0735-6161, 2022, vol. 54, no. 1, str. 45-59, ilustr. https://wfs.swst.org/index.php/wfs/article/view/3171, https://doi.org/10.22382/wfs-2022-05, doi: 10.22382/wfs-2022-05. [COBISS.SI-ID 99381251], [JCR, SNIP, WoS do 18. 3. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICT
točke: 41.2, št. avtorjev: 2/4

87. **PEČNIK, Jaka Gašper**, PONDELAK, Andreja, **BURNARD, Michael David**, SEBERA, Václav. Mode I fracture of beech-adhesive bondline at three different temperatures. Wood Material Science & Engineering, ISSN 1748-0272, 2022, str. 1-11, ilustr. https://www.tandfonline.com/doi/full/10.1080/17480272.2022.2135135, https://doi.org/10.1080/17480272.2022.2135135, doi: 10.1080/17480272.2022.2135135. [COBISS.SI-ID 135318531], [JCR, SNIP, WoS do 24. 12. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 24. 12. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela še ni verificiran
točke: 51.99, št. avtorjev: 2/4

88. PODREKAR, Nastja, **KASTELIC, Kaja**, **BURNARD, Michael David**. Ergonomic evaluation of school furniture in Slovenia : from primary school to university. Work : a journal of prevention, assessment & rehabilitation, ISSN 1051-9815, 2022, vol. 32, št. 3, str. 1-17, ilustr., doi: 10.3233/WOR-210487. [COBISS.SI-ID 118165507], [JCR, SNIP, WoS do 9. 10. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 23. 10. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A4 (Z); uvrstitev: SSCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 57.88, št. avtorjev: 3/3

Review scientific article / Pregledni znanstveni članek

89. PLEŠA, Jernej, KOZINC, Žiga, **ŠARABON, Nejc**. A brief review of selected biomechanical variables for sport performance monitoring and training optimization. Applied mechanics, ISSN 2673-3161, 2022, vol. 3, iss. 1, str. 144-159, tabele. https://www.mdpi.com/2673-3161/3/1/11, https://doi.org/10.3390/applmech3010011, doi: 10.3390/applmech3010011. [COBISS.SI-ID 96213763]
kategorija: 1C (Z); uvrstitev: MBP; tip dela je verificiral OSICD
točke: 10, št. avtorjev: 1/3

90. KRIŽAJ, Luka, KOZINC, Žiga, **ŠARABON, Nejc**. The outcomes of conservative nonpharmacological treatments for Achilles tendinopathy : an umbrella review. Applied sciences, ISSN 2076-3417, 2022, vol. 12, iss. 23, str. 1-19. https://www.mdpi.com/2076-3417/12/23/12132, doi: 10.3390/app122312132. [COBISS.SI-ID 131315715], [JCR, SNIP, WoS do 5. 1. 2023: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 5. 1. 2023: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 28.46, št. avtorjev: 1/3

91. KOZINC, Žiga, **SMAJLA, Darjan**, **ŠARABON, Nejc**. The rate of force development scaling factor : a review of underlying factors, assessment methods and potential for practical applications. European journal of applied physiology, ISSN 1439-6319. [Print ed.], 2022, vol. 122, iss. 4, str. 861%873, ilustr. https://link.springer.com/article/10.1007/s00421-022-04889-4, https://doi.org/10.1007/s00421-022-04889-4, doi: 10.1007/s00421-022-04889-4. [COBISS.SI-ID 94318851], [JCR, SNIP, WoS do 25. 11. 2022: št. citatov (TC): 5, čistih citatov (CI): 4, čistih citatov na avtorja (CIAu): 2.67, Scopus do 7. 11. 2022: št. citatov (TC): 5, čistih citatov (CI): 5, čistih citatov na avtorja (CIAu): 3.33]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 58.69, št. avtorjev: 2/3

92. KRIŽAJ, Luka, KOZINC, Žiga, LOEFLER, Stefan, **ŠARABON, Nejc**. The chronic effects of eccentric exercise interventions in different populations : an umbrella review. European Journal of Translational Myology : Basic Applied Myology, ISSN 2037-7452, art.10876, str. 1-13, tabele. https://www.pagepressjournals.org/index.php/bam/article/view/10876, https://doi.org/10.4081/ejtm.2022.10876, doi: 10.4081/ejtm.2022.10876. [COBISS.SI-ID 126702083], [SNIP, Scopus do 6. 1. 2023: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1B (Z); uvrstitev: Scopus, MBP; tip dela še ni verificiran
točke: 10, št. avtorjev: 1/4

Review scientific article / Pregledni znanstveni članek

93. KAMBIČ, Tim, **ŠARABON, Nejc**, LAINŠČAK, Mitja, HADŽIĆ, Vedran. Combined resistance training with aerobic training improves physical performance in patients with coronary disease : a secondary analysis of a randomized controlled clinical trial. Frontiers in cardiovascular medicine, ISSN 2297-055X, 2022, vol. 9, aug. 2022, str. 1-13, ilustr. https://www.doi.org10.3389/fcvm.2022.909385, doi: 10.3389/fcvm.2022.909385. [COBISS.SI-ID 118989059], [JCR, SNIP, WoS do 4. 11. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 28. 9. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICM
točke: 23.82, št. avtorjev: 1/4

94. ČRETNIK, Klemen, PLEŠA, Jernej, KOZINC, Žiga, LOEFLER, Stefan, **ŠARABON, Nejc**. The effect of eccentric vs. traditional resistance exercise on muscle strength, body composition, and functional performance in older adults : a systematic review with meta-analysis. Frontiers in sports and active living, ISSN 2624-9367, 2022, vol. 4, št. 2, str.1-13, ilustr. https://www.frontiersin.org/articles/10.3389/fspor.2022.873718/full, doi: 10.3389/fspor.2022.873718. [COBISS.SI-ID 104850691], [SNIP, WoS do 5. 7. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 1. 1. 2023: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.20]
kategorija: 1A1 (Z, A'', A', A1/2); uvrstitev: Scopus (d), Scopus, MBP; tip dela je verificiral OSICM
točke: 22.19, št. avtorjev: 1/5

95. VAJDA, Matej, ORESKÁ, L'udmila, **ŠARABON, Nejc**, ČERNAČKOVA, Alena, ČUPKA, Martin, et al. Aging and possible benefits of negatives of lifelong endurance running : how master male athletes differ from young athletes and elderly sedentary?. International journal of environmental research and public health, ISSN 1660-4601. [Online ed.], 2022, vol. 19, iss.20, str. 1-11, ilustr. https://www.mdpi.com/1660-4601/19/20/13184/htm, doi: 10.3390/ijerph192013184. [COBISS.SI-ID 125578499], [JCR, SNIP, WoS do 5. 11. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 20. 11. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SSCI, SCI, Scopus, MBP; tip dela je verificiral OSICM
točke: 9.36, št. avtorjev: 1/12

96. POVŠIČ, Timej, **KASTELIC, Kaja**, **ŠARABON, Nejc**. The impact of COVID-19 restrictive measures on physical activity and sedentary behavior in children and adolescents : a systematic review. Kinesiology : international scientific journal of kinesiology and sport, ISSN 1331-1441. [English ed.], 2022, vol. 54, iss. 1, str. 175-191, tabele, graf. prikazi. https://doi.org/10.26582/k.54.1.18, https://hrcak.srce.hr/279816, doi: 10.26582/k.54.1.18. [COBISS.SI-ID 115724547], [JCR, SNIP, WoS do 19. 7. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 5. 8. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A4 (Z); uvrstitev: SSCI, SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 36.34, št. avtorjev: 2/3

97. WEINGERL, Iva, KOZINC, Žiga, **ŠARABON, Nejc**. The effects of conservative interventions for treating diastasis recti abdominis in postpartum women : a review with meta-analysis. SN Comprehensive Clinical Medicine, ISSN 2523-8973, 2022, vol. 5, št. 3, str. 1-9, ilustr. https://link.springer.com/article/10.1007/s42399-022-01353-4, doi: 10.1007/s42399-022-01353-4. [COBISS.SI-ID 131454979]
kategorija: 1NK (S); tip dela še ni verificiran
točke: 1.67, št. avtorjev: 1/3

98. ČRETNIK, Klemen, PLEŠA, Jernej, KOZINC, Žiga, **ŠARABON, Nejc**. Vadba proti uporu za starejše odrasle : pregled literature in priporočila. Šport : revija za teoretična in praktična vprašanja športa, ISSN 0353-7455, 2022, letn. 70, št. 1/2, str. 57-64, ilustr. [COBISS.SI-ID 112382467]
kategorija: 1C (Z); uvrstitev: MBP; tip dela je verificiral OSICD
točke: 7.5, št. avtorjev: 1/4

99. MANOJLOVIĆ, Denisa, **ŠARABON, Nejc**. Dejavniki tveganja za nastanek patelofemoralne bolečine. Šport : revija za teoretična in praktična vprašanja športa, ISSN 0353-7455, 2022, letn. 70, št. 3/4, str. 73-78, ilustr. [COBISS.SI-ID 134070019]
kategorija: 1C (Z); uvrstitev: MBP; tip dela je verificiral OSICD
točke: 15, št. avtorjev: 1/2

100. KOŽUH, Martin, **SMAJLA, Darjan**, KOZINC, Žiga. Primerjava učinkovitosti različnih pragov izgube hitrosti med vadbo proti uporu za izboljšanje mišične zmogljivosti : sistematični pregled z metaanalizo. Šport : revija za teoretična in praktična vprašanja športa, ISSN 0353-7455, 2022, letn. 70, št. 3/4, str. 143-150, ilustr. [COBISS.SI-ID 134129155]
kategorija: 1C (Z); uvrstitev: MBP; tip dela še ni verificiran
točke: 10, št. avtorjev: 1/3

Short scientific article / Kratki znanstveni prispevek

101. VOGLAR, Matej, KOZINC, Žiga, KINGMA, Idsart, DIEËN, Jaap H. van, **ŠARABON, Nejc**. The effects of intermittent trunk flexion with and without support on sitting balance in young adults. Frontiers in human neuroscience, ISSN 1662-5161, 2022, vol. 16, iss. 2, str. 1-8, ilustr. https://www.frontiersin.org/articles/10.3389/fnhum.2022.868153/full?, doi: 10.3389/fnhum.2022.868153. [COBISS.SI-ID 102533635], [JCR, SNIP, WoS do 29. 4. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A2 (Z, A', A1/2); uvrstitev: Scopus (d), SCI, Scopus, MBP; tip dela je verificiral OSICM
točke: 20, št. avtorjev: 1/5

102. JANIĆIJEVIĆ, Danica, **ŠARABON, Nejc**, **SMAJLA, Darjan**, et al. Single-leg mechanical performance ad inter-leg asymmetries during bilateral countermouvement jumps : a comparison of difficult calculation methods. Gait & posture, ISSN 0966-6362. [Print ed.], jul. 2022, vol. 96, july, str. 47-52, ilustr. https://doi.org/10.1016/j.gaitpost.2022.05.012, doi: 10.1016/j.gaitpost.2022.05.012. [COBISS.SI-ID 113496323], [JCR, SNIP, WoS do 3. 11. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.33, Scopus do 13. 10. 2022: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.33]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICD
točke: 27.88, št. avtorjev: 2/6

103. KAMBIČ, Tim, **ŠARABON, Nejc**, HADŽIĆ, Vedran, LAINŠČAK, Mitja. Physical activity and sedentary behaviour following combined aerobic and resistance training in coronary artery disease patients : a randomised controlled trial. International journal of cardiology, ISSN 0167-5273. [Print ed.], 2022, vol. , str. 1-4, ilustr. https://www.sciencedirect.com/science/article/abs/pii/S0167527322016680?via%3Dihub, doi: 10.1016/j.ijcard.2022.10.157. [COBISS.SI-ID 128357123], [JCR, SNIP, Scopus do 26. 11. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela še ni verificiran
točke: 21.05, št. avtorjev: 1/4

104. KO, In-Young, SRIVASTAVA, Abhishek, **MRISSA, Michael Nicolas**. Scalable and dynamic big data processing and service provision in edge cloud environments. Journal of web engineering, ISSN 1540-9589, 2022, vol. 21, iss. 1, str. 1-5, ilustr. https://journals.riverpublishers.com/index.php/JWE/article/view/12523. [COBISS.SI-ID 103201539], [JCR, SNIP]
kategorija: 1A4 (Z); uvrstitev: SCI, Scopus; tip dela je verificiral OSICT
točke: 13.8, št. avtorjev: 1/3

105. ŽELEZNIK, Petra, SLAK, Vita, KOZINC, Žiga, **ŠARABON, Nejc**. The association between bilateral deficit and athletic performance : a brief review. Sports, ISSN 2075-4663, 2022, iss. 8, art. 112, str. 1-8, tabele. https://www.mdpi.com/2075-4663/10/8/112, https://doi.org/10.3390/sports10080112, doi: 10.3390/sports10080112. [COBISS.SI-ID 116961283], [SNIP, WoS do 5. 9. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 17. 9. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1B (Z); uvrstitev: Scopus, MBP; tip dela je verificiral OSICD
točke: 8, št. avtorjev: 1/4

106. **HAN, Lei**, **KUTNAR, Andreja**, SANDBERG, Dick. Creep behaviour of densified European beech and Scots pine under constant climate. Wood Material Science & Engineering, ISSN 1748-0272, 2022, vol. 17, iss. 6, str. 1025-1027, ilustr. https://www.tandfonline.com/doi/full/10.1080/17480272.2022.2133631?src=, https://doi.org/10.1080/17480272.2022.2133631, doi: 10.1080/17480272.2022.2133631. [COBISS.SI-ID 134604547], [JCR, SNIP, WoS do 20. 12. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 20. 12. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 1A1 (Z, A', A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICB
točke: 69.32, št. avtorjev: 2/3

Professional journal article / Strokovni članek

107. **SLAVEC, Ana**, SRAKAR, Andrej. Delovanje mlade sekcije statističnega društva Slovenije. Bilten Statističnega društva Slovenije, ISSN 2536-4146. [Spletna izd.], jun. 2022, letn. 43, št. 63, str. 17-23, ilustr. https://stat-d.si/2022/06/10/bilten-statisticnega-drustva-slovenije-junij-2022/. [COBISS.SI-ID 111513091]
kategorija: SU (S)
točke: 2.5, št. avtorjev: 1/2

108. **ŠARABON, Nejc**. Nastavitev kolesa za povečanje mehanske učinkovitosti. Delo.si, ISSN 1854-6544. [Spletna izd.], 6.9.2022, ilustr. https://www.delo.si/polet/nastavitev-kolesa-za-povecanje-mehanske-ucinkovitosti/. [COBISS.SI-ID 120780035]
kategorija: SU (S)
točke: 5, št. avtorjev: 1/1

109. **ŠARABON, Nejc**. O hrbtenici drugače. Delo.si, ISSN 1854-6544. [Spletna izd.], 29.9.2022, ilustr. https://www.delo.si/polet/o-hrbtenici-drugace/. [COBISS.SI-ID 123716611]
kategorija: SU (S)
točke: 5, št. avtorjev: 1/1

110. **ŠARABON, Nejc**. Asimetričnost med kolesarjenjem. Delo.si, ISSN 1854-6544. [Spletna izd.], 22.08.2022, letn. 21, št. 9, str. 15, ilustr. https://www.delo.si/polet/asimetricnost-med-kolesarjenjem/. [COBISS.SI-ID 119071491]
kategorija: SU (S)
točke: 5, št. avtorjev: 1/1

111. **ŠARABON, Nejc**. Telovadba na delovnem mestu. Delo.si, ISSN 1854-6544. [Spletna izd.], 23.08.2021, vol. 21, št. 9, str. 15, ilustr. https://www.delo.si/polet/telovadba-na-delovnem-mestu-tudi-pri-delu-od-doma/. [COBISS.SI-ID 119067907]
kategorija: SU (S)
točke: 5, št. avtorjev: 1/1

112. **PRELOVŠEK NIEMELÄ, Eva**. Stavbi inštituta Innorenew CoE : raziskovalni projekt za prihodnost lesene gradnje. Gradbenik : revija za gradnjo, sanacije in gradbene materiale, ISSN 1408-1725, 2022, št. 9, str. 52-56, ilustr. [COBISS.SI-ID 136647939]
kategorija: SU (S)
točke: 5, št. avtorjev: 1/1

113. BÓTA, András, **HAJDU, László**, BRYS, Zoltán, **KRÉSZ, Miklós Ferenz**. Válogatás a hálózatalapú járványterjedési modellek eredményeibôl = Selection of results of network-based epidemic spread models. Lege artis medicinae : új magyar orvosi hírmondó, ISSN 0866-4811, 2022, vol. 32, iss. 11/12, str. 515-520, ilustr. https://elitmed.hu/en/publications/lege-artis-medicinae/selection-of-results-of-network-based-epidemic-spread-models, https://doi.org/10.33616/lam.32.0515, doi: 10.33616/LAM.32.0515. [COBISS.SI-ID 136227843], [SNIP]
kategorija: SU (S)
točke: 2.5, št. avtorjev: 2/4

114. PLEŠA, Jernej, ČRETNIK, Klemen, KOZINC, Žiga, **ŠARABON, Nejc**. Razmerje med skokom z nasprotnim gibanjem in skokom iz počepa: mehanizmi v ozadju, vpliv treninga in praktična uporabnost. Šport : revija za teoretična in praktična vprašanja športa, ISSN 0353-7455, 2022, letn. 70, št. 3/4, str. 40-43, ilustr. [COBISS.SI-ID 133718787]
kategorija: SU (S)
točke: 1.25, št. avtorjev: 1/4

Popular article / Poljudni članek

115. **SLAVEC, Ana**. Uporaba fotoaparata in drugih aplikacij na pametnih telefonih na potovanjih za ohranjanje kulturne dediščine. Metina lista : spletna postaja za osebe širokih pogledov in aktivnega duha, ISSN 2536-3425, 13. jan. 2022. https://metinalista.si/uporaba-fotoaparata-in-drugih-aplikacij-na-pametnih-telefonih-na-potovanjih-za-ohranjanje-kulturne-dediscine/. [COBISS.SI-ID 99230211]
kategorija: SU (S)
točke: 5, št. avtorjev: 1/1

Published scientific conference contribution / Objavljeni znanstveni prispevek na konferenci

116. ŐSZ, Olivér, **DÁVID, Balázs**, GARAB, József, HEGYHÁTI, Máté. Long-term plant-level scheduling with uncertainty in the plywood industry. V: NÉMETH, Róbert (ur.). 10th Hardwood conference proceedings : 12-14 October 2022, Sopron, (Hardwood conference proceedings, ISSN 2631-004X). Sopron: University of Sopron. 2022, str. 263-270, ilustr. http://www.hardwood.uni-sopron.hu/wp-content/uploads/2022/10/Hardwood2022_Proceedings.pdf. [COBISS.SI-ID 127645955]
kategorija: 4C (Z); tip dela je verificiral OSICB
točke: 6.25, št. avtorjev: 1/4

117. **PRISLAN, Rok**, **KAVKA, Urban**. The potential of using a laser scanner to facilitate in-situ room acoustic measurements. V: 24th International Congress on Acoustics : proceedings : ICA 2022, October 24 to 28, 2022 in Gyeongju, Korea, A12: Room acoustics, 24rd International Congress on Acoustics, ICA 2022, October 24 to 28, 2022 in Gyeongju, Korea. Seoul: The Acoustical Society of Korea. 2022, str. 510-515, ilustr. https://ica2022korea.org/data/Proceedings_A12.pdf. [COBISS.SI-ID 135658243]
kategorija: 4C (Z); tip dela še ni verificiran
točke: 25, št. avtorjev: 2/2

118. **SCHAU, Erwin Andreas Meissner**, ASADA, Raphael, **SLAVEC, Ana**, CARDELLINI, Giuseppe, 10th International Conference on Life Cycle Management (LCM 2021),Stuttgart (online), Germany, September 1-8, 2021. Life cycle assessment of Austrian and Slovenian raw wood production. V: ALBRECHT, Steve (ur.). Building a Sustainable Future based on Innovation and Digitalization : 10th International Conference on Life Cycle Management (LCM 2021) : Stuttgart (online), Germany, September 1-8, 2021. [S. l.]: 2022, 2022, vol. 349, art. 03003, str. 1-6, ilustr. https://www.e3s-conferences.org/articles/e3sconf/abs/2022/16/e3sconf_lcm2022_03003/e3sconf_lcm2022_03003.html, https://doi.org/10.1051/e3sconf/202234903003, doi: 10.1051/e3sconf/202234903003. [COBISS.SI-ID 112813571], [SNIP]
kategorija: 4C (Z); tip dela je verificiral OSICT
točke: 12.5, št. avtorjev: 2/4

119. **SCHAU, Erwin Andreas Meissner**, **TAVZES, Črtomir**, **GAVRIĆ, Igor**, **ŠUŠTERŠIČ, Iztok**, **PRELOVŠEK NIEMELÄ, Eva**, **DÁVID, Balázs**, **PEČNIK, Jaka Gašper**, **DEVALLANCE, David Brian**, 10th International Conference on Life Cycle Management (LCM 2021),Stuttgart (online), Germany, September 1-8, 2021. Environmental and economic assessment of using wood to meet Paris Agreement greenhouse gas emission reductions in Slovenia. V: ALBRECHT, Steve (ur.). Building a Sustainable Future based on Innovation and Digitalization : 10th International Conference on Life Cycle Management (LCM 2021) : Stuttgart (online), Germany, September 1-8, 2021. [S. l.]: 2022, 2022, vol. 349, art. 03005, str. 1-7, ilustr. https://www.e3s-conferences.org/articles/e3sconf/abs/2022/16/e3sconf_lcm2022_03005/e3sconf_lcm2022_03005.html, https://doi.org/10.1051/e3sconf/202234903005. [COBISS.SI-ID 112815875], [SNIP]
kategorija: 4C (Z); tip dela je verificiral OSICT
točke: 25, št. avtorjev: 8/8

120. BALDOUSKI, Daniil, **TOŠIĆ, Aleksandar**. Visualization of consensus mechanisms in PoS based blockchain protocols. V: LUŠTREK, Mitja (ur.), et al. Informacijska družba - IS 2022 = Information Society - IS 2022 : zbornik 25. mednarodne multikonference = proceedings of the 25th International Multiconference : 10.%14. oktober 2022, 4%8 October 2022, Ljubljana, Slovenia, (Informacijska družba, ISSN 2630-371X). Ljubljana: Institut "Jožef Stefan". 2022, str. 124-127, ilustr. http://library.ijs.si/Stacks/Proceedings/InformationSociety/2022/IS2022_Complete.pdf. [COBISS.SI-ID 132188675]
kategorija: 4C (Z) (izločeno iz točkovanja); tip dela še ni verificiran
točke: 0, št. avtorjev: 1/2

121. **SLAVEC, Ana**, ŠTEBE, Janez, ŠOŠTARIČ, Mojca, IWANOWSKA, Magdalena, BAŁANDYNOWICZ-PANFIL, Katarzyna, ŁOSIEWICZ, Malgorzata, OLAH, Serban. Namera za cepljenje proti Covid-19 na Poljskem, v Romuniji in Sloveniji spomladi 2021 = Vaccination intention against Covid-19 in Poland, Romania and Slovenia in Spring 2021. V: GABROVEC, Branko (ur.), et al. Javno zdravje in COVID-19 2022 : zbornik povzetkov in recenziranih prispevkov : 2. znanstvena in strokovna konferenca : Ljubljana, 5. oktober 2022. Ljubljana: Nacionalni inštitut za javno zdravje. 2022, str. 64-71, ilustr. https://www.nijz.si/sites/www.nijz.si/files/publikacije-datoteke/e-verzija_zbornika_javno_zdravje_in_covid-19_2022.pdf. [COBISS.SI-ID 126918403]
kategorija: 4D (Z); tip dela je verificiral OSICN
točke: 2.86, št. avtorjev: 1/7

122. **HROVATIN, Niki**, **TOŠIĆ, Aleksandar** (pisar), **MRISSA, Michael Nicolas**. Semantically-driven secure task execution over wireless sensor networks. V: CHIUSANO, Silvia (ur.), CERQUITELLI, Tania (ur.), WREMBEL, Robert (ur.). New trends in database and information systems : ADBIS 2022 Short Papers, Doctoral Consortium and Workshops: DOING, K-GALS, MADEISD, MegaData, SWODCH, Turin, Italy, September 5-8, 2022, Proceedings, ADBIS 2022 Short Papers, Doctoral Consortium and Workshops: DOING, K-GALS, MADEISD, MegaData, SWODCH, Turin, Italy, September 5-8, 2022, Proceedings, (Communications in computer and information science (Internet), ISSN 1865-0937, 1652), (Communications in computer and information science (Print), ISSN 1865-0929, 1652). Cham, Switzerland: Springer. 2022, str. 476-483, ilustr. https://link.springer.com/content/pdf/10.1007/978-3-031-15743-1.pdf, https://doi.org/10.1007/978-3-031-15743-1_44, doi: 10.1007/978-3-031-15743-1_44. [COBISS.SI-ID 123259395], [SNIP, WoS do 22. 12. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 29. 9. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 4C (Z); tip dela je verificiral OSICT
točke: 25, št. avtorjev: 3/3

123. BALDOUSKI, Daniil, **TOŠIĆ, Aleksandar**. Visualization of consensus mechanisms in PoS based blockchain protocols. V: MLADENIĆ, Dunja (ur.), GROBELNIK, Marko (ur.). Odkrivanje znanja in podatkovna skladišča - SiKDD = Data Mining and Data Warehouses - SiKDD : Informacijska družba - IS 2022 = Information Society - IS 2022 : zbornik 25. mednarodne multikonference = proceedings of the 25th International Multiconference : zvezek C = volume C : 10. oktober 2022, 10 October 2022, Ljubljana, Slovenija, (Informacijska družba, ISSN 2630-371X). Ljubljana: Institut "Jožef Stefan". 2022, str. 34-37. http://library.ijs.si/Stacks/Proceedings/InformationSociety/2022/IS2022_Volume-C%20-%20SiKDD.pdf. [COBISS.SI-ID 128339715]
kategorija: 4C (Z); tip dela je verificiral OSICT
točke: 12.5, št. avtorjev: 1/2

124. MANOJLOVIĆ, Denisa, **ŠARABON, Nejc**. Gibljivost trupa in spodnjih okončin pri osebah z ali brez patelofemoralne bolečine = Trunk and lower limb flexibility in individuals with and without patellofemoral pain. V: JAKŠIČ, Edvard (ur.). Prihodnost zdravstvene stroke je vstop študentov v raziskovalno delo : zbornik prispevkov, 14. študentska konferenca s področja zdravstvenih ved. 1. izd. Maribor: AMEU - ECM, Alma Mater Press. 2022, str. 155-162, ilustr. https://press.almamater.si/index.php/amp(catalog/book/48. [COBISS.SI-ID 114637571]
kategorija: 4D (Z); tip dela je verificiral OSICM
točke: 10, št. avtorjev: 1/2

125. POREDOŠ, David, KOZINC, Žiga, **ŠARABON, Nejc**. Referenčne vrednosti za jakost mišic kolena: pregled in sinteza 411 raziskav = Reference values for knee strength: review and synthesis of 411 studies. V: JAKŠIČ, Edvard (ur.). Prihodnost zdravstvene stroke je vstop študentov v raziskovalno delo : zbornik prispevkov, 14. študentska konferenca s področja zdravstvenih ved. 1. izd. Maribor: AMEU - ECM, Alma Mater Press. 2022, str. 183-189, ilustr. https://press.almamater.si/index.php/amp/catalog/book/48. [COBISS.SI-ID 114647811]
kategorija: 4D (Z); tip dela je verificiral OSICM
točke: 6.67, št. avtorjev: 1/3

126. MARC, Mitja, KOZINC, Žiga, **ŠARABON, Nejc**. Odnos sila-hitrost-moč pri košarkarjih: vpliv starosti in gibalne naloge = Force-velocity-power profile in basketball players: effect of age and task. V: JAKŠIČ, Edvard (ur.). Prihodnost zdravstvene stroke je vstop študentov v raziskovalno delo : zbornik prispevkov, 14. študentska konferenca s področja zdravstvenih ved. 1. izd. Maribor: AMEU - ECM, Alma Mater Press. 2022, str. 441-449. https://press.almamater.si/index.php/amp/catalog/book/48. [COBISS.SI-ID 114721795]
kategorija: 4D (Z); tip dela je verificiral OSICM
točke: 6.67, št. avtorjev: 1/3

127. PERKOVIČ, Andreja, **TOŠIĆ, Aleksandar**. Empirical evaluation of sequential, parallel and distributed implementations of k-means clustering. V: ČIBEJ, Uroš (ur.), et al. Proceedings of the 8th Student Computing Research Symposium (SCORES%22) : Ljubljana, Slovenia, October 6, 2022. 1st ed. Ljubljana: Faculty of Computer and Information Science; Maribor: Faculty of Electrical Engineering and Computer Science; Koper: Faculty of Mathematics, Natural Sciences and Information Technologies. cop. 2022, str. 21-24, ilustr. http://zalozba.fri.uni-lj.si/SCORES2022.pdf, https://doi.org/10.51939/scores22.06, doi: 10.51939/scores22.06. [COBISS.SI-ID 127654915]
kategorija: 4D (Z); tip dela je verificiral OSICT
točke: 10, št. avtorjev: 1/2

128. GARCÍA RAMOS, Amador, MIRKOV, Dragan, KNEZEVIC, Olivera M., ČOH, Milan, **ŠARABON, Nejc**. Reliability of the KISprint force starting block to evaluate different push-off variables in high-level sprinters. Proceedings of the Institution of Mechanical Engineers. Part P, Journal of sports engineering and technology, ISSN 1754-338X, Jul. 2022, vol. 236, no.4, str. 1-12. https://doi.org/10.1177/17543371221110415, doi: 10.1177/17543371221110415. [COBISS.SI-ID 114992899], [WoS do 13. 7. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 30. 7. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 4NK (S); zbornik nerecenziranih prispevkov; tip dela še ni verificiran
točke: 1, št. avtorjev: 1/5

129. **ASLAM, Sidra**, BUKOVSZKI, Viktor, **MRISSA, Michael Nicolas**. Multi-level data access control in positive energy districts. V: LITTLEWOOD, John R. (ur.), HOWLETT, Robert J. (ur.), JAIN, Lakhmi C. (ur.). Sustainability in energy and buildings 2021, (Smart Innovation, Systems and Technologies, ISSN 2190-3026, 263). 1st ed. Singapore: Springer Singapore. 2022, str. 553-565, ilustr. https://link.springer.com/chapter/10.1007/978-981-16-6269-0_46, https://doi.org/10.1007/978-981-16-6269-0_46, doi: 10.1007/978-981-16-6269-0_46. [COBISS.SI-ID 102852611], [WoS do 31. 10. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 31. 3. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: 4C (Z); tip dela je verificiral OSICN
točke: 8.33, št. avtorjev: 1/3

130. DÖMÖSI, Pál, **KRÉSZ, Miklós Ferenz**, DIENE, Adama. Complete classes of involutorial automata. V: BORDIHN, Henning (ur.), HORVÁTH, Géza, VASZIL, György. Twelfth Workshop on Non-Classical Models of Automata and Applications : NCMA 2022 : August 26-27, 2022, Debrecen, Hungary : short papers, Twelfth Workshop on Non-Classical Models of Automata and Applications, NCMA 2022 August 26-27, 2022, Debrecen Hungary. Debrecen: Faculty of Informatics of the University of Debrecen. 2022, str. 23-30. https://konferencia.unideb.hu/sites/default/files/upload_documents/ncma2022-shortpapers.pdf. [COBISS.SI-ID 136647171]
kategorija: 4C (Z); tip dela še ni verificiran
točke: 8.33, št. avtorjev: 1/3

131. **KAVKA, Urban**, **PRISLAN, Rok**. 3D lasersko skeniranje kot podporno orodje za akustično sanacijo stare industrijske hale = 3D laser scanning as an assisting tool for acoustic renovation of an old industrial hall. V: ŽEMVA, Andrej (ur.), TROST, Andrej (ur.). Zbornik enaintridesete mednarodne Elektrotehniške in računalniške konference ERK 2022 = Proceedings of the 31st International Electrotechnical and Computer Science Conference ERK 2022 : Portorož, Slovenija, 19. - 20. september 2022, (Zbornik ... Elektrotehniške in računalniške konference (Online), ISSN 2591-0442, 31). Ljubljana: Slovenska sekcija IEEE: Fakulteta za elektrotehniko. 2022, str. 321-325, ilustr. https://erk.fe.uni-lj.si/2022/erk22.pdf. [COBISS.SI-ID 135324931]
kategorija: 4D (Z); tip dela še ni verificiran
točke: 20, št. avtorjev: 2/2

132. **PRISLAN, Rok**. Lokalizacija mikrofonskega polja z uporabo laserskega skenerja. V: ŽEMVA, Andrej (ur.), TROST, Andrej (ur.). Zbornik enaintridesete mednarodne Elektrotehniške in računalniške konference ERK 2022 = Proceedings of the 31st International Electrotechnical and Computer Science Conference ERK 2022 : Portorož, Slovenija, 19. - 20. september 2022, (Zbornik ... Elektrotehniške in računalniške konference (Online), ISSN 2591-0442, 31). Ljubljana: Slovenska sekcija IEEE: Fakulteta za elektrotehniko. 2022, str. 326-330, ilustr. https://erk.fe.uni-lj.si/2022/erk22.pdf. [COBISS.SI-ID 135324675]
kategorija: 4D (Z); tip dela še ni verificiran
točke: 20, št. avtorjev: 1/1

Published scientific conference contribution abstract (invited lecture)/
Objavljeni povzetek znanstvenega prispevka na konferenci (vabljeno predavanje)

133. UNKOVIĆ, Nikola, POPOVIĆ, Slađana, JANAKIEV, Tamara, KNEŽEVIĆ, Aleksandar, DIMKIĆ, Ivica, KOSEL, Janez, **TAVZES, Črtomir**, SUBAKOV SIMIĆ, Gordana, LJALJEVIĆ GRBIĆ, Milica. Biofilm constituents as deteriogens of ancient Roman monument mitrej above Rožanec (Slovenia). V: FEMS conference on microbiology : 30 June - 2 July 2022, Belgrade, Serbia : electronic abstract book. Belgrade: Serbian Society of Microbiology. 2022, str. 609-610. https://www.femsbelgrade2022.org/abstract-book. [COBISS.SI-ID 132916739]
kategorija: SU (S)
točke: 0.22, št. avtorjev: 1/9

134. LJALJEVIĆ GRBIĆ, Milica, STUPAR, Miloš, SAVKOVIĆ, Željko, KNEŽEVIĆ, Aleksandar, DIMKIĆ, Ivica, KOSEL, Janez, **TAVZES, Črtomir**, UNKOVIĆ, Nikola. From on-site to in-lab : microscopic observation of fungal proliferation on 17th century mural paintings. V: Mikologija, mikotoksikologija i mikoze : sedmi međunarodni naučni skup : knjiga rezimea : 2 % 3. jun 2022, Matica srpska, Novi Sad, Srbija = Mycology, mycotoxicology, and mycoses : The 7th International scientific meeting : book of abstracts : 2%3 June 2022, Matica srpska, Novi Sad, Serbia. Novi Sad: Matica srpska. 2022, str. 48. [COBISS.SI-ID 133000451]
kategorija: SU (S)
točke: 0.25, št. avtorjev: 1/8

Published Professional Conference Contribution Abstract (invited lecture) /
Objavljeni povzetek strokovnega prispevka na konferenci (vabljeno predavanje)

135. **SLAVEC, Ana**. Introduction to research data management. V: Open Science Summer School : Maribor, Slovenia, 12.-16. September 2022 : [course materials]. Maribor: University of Maribor. 2022, 32 prosojnic. https://url.um.si/Be43F, https://www.youtube.com/watch?v=xe5WcCFU7wE. [COBISS.SI-ID 134784259]
kategorija: SU (S)
točke: 1, št. avtorjev: 1/1

Published scientific conference contribution abstract /
Objavljeni povzetek znanstvenega prispevka na konferenci

136. **HAN, Lei**, **KUTNAR, Andreja**, SANDBERG, Dick. Creep behaviour of densified European beech under constant climate. V: NÉMETH, Róbert (ur.). 10th Hardwood conference proceedings : 12-14 October 2022, Sopron, (Hardwood conference proceedings, ISSN 2631-004X). Sopron: University of Sopron. 2022, str. 221. http://www.hardwood.uni-sopron.hu/wp-content/uploads/2022/10/Hardwood2022_Proceedings.pdf. [COBISS.SI-ID 127645699]
kategorija: SU (S)
točke: 1.33, št. avtorjev: 2/3

137. **SANDAK, Jakub Michal**, **SANDAK, Anna Malgorzata**, **KRAVOS, Albert**, **PONNUCHAMY, Veerapandian**, **DÁVID, Balázs**, **KRÉSZ, Miklós Ferenz**, GRABSKA, Justyna, BEC, Krzysztof, IVANOVA, Emilija, RAMOS, Alba, PINILLA, Jose Maria, QUINTELA, José Carlos, CLAUDIO, Daniel, MUGUERZA, Ibai Funcia, ALEGRÍA, Irantzu. Using infrared spectra and molecular dynamic modelling for identifi cation of valuable molecules in olive leave. V: **SANDAK, Anna Malgorzata** (ur.), et al. 1st SensorFINT International Conference : Non-destructive spectral sensors advances and future trends : 10-12 May 2022 Izola, Slovenia : book of abstracts. Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. cop. 2022, str. [57]. https://www.hippocampus.si/ISBN/978-961-293-153-7.pdf. [COBISS.SI-ID 123396355]
kategorija: SU (S)
točke: 0.85, št. avtorjev: 5/15

138. **SAJINČIČ, Nežka**, ISTENIČ, Andreja, **SANDAK, Anna Malgorzata**. Learning about NDSS through video : evidence-based guidelines for eff ective instructional videos for a smooth transition into industry. V: **SANDAK, Anna Malgorzata** (ur.), et al. 1st SensorFINT International Conference : Non-destructive spectral sensors advances and future trends : 10-12 May 2022 Izola, Slovenia : book of abstracts. Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. cop. 2022, str. [85-86]. https://www.hippocampus.si/ISBN/978-961-293-153-7.pdf. [COBISS.SI-ID 123395843]
kategorija: SU (S)
točke: 1.33, št. avtorjev: 2/3

139. **KASTELIC, Kaja**, **BURNARD, Michael David**, **ŠARABON, Nejc**, PODREKAR, Nastja, PEDIŠIĆ, Željko. The association between 24-hour activity composition and back pain in Slovenian university students : P05-07. V: WICKRAMASINGHE, Kremlin (ur.), MURPHY, Marie H. (ur.), VUILLEMIN, Anne (ur.). 2022 HEPA Europe Conference : an ecosystem approach to Health-Enhancing Physical Activity promotion : abstract supplement, 2022 HEPA Europe conference, an ecosystem approach to health-enhancing physical activity promotion, abstract supplement. [Nice: Universite Côte d´Azur]. 2022, suppl. 2, art. ckac095.074, str. 89-90. https://academic.oup.com/eurpub/article/32/Supplement_2/ckac095.074/6677910, https://doi.org/10.1093/eurpub/ckac095.074, doi: 10.1093/eurpub/ckac095.074. [COBISS.SI-ID 120898051], [JCR, SNIP, WoS do 17. 9. 2022: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0]
kategorija: SU (S)
točke: 1.6, št. avtorjev: 4/5

140. **ESAKKIMUTHU, Esakkiammal Sudha**, **PONNUCHAMY, Veerapandian**, **MIKULJAN, Marica**, **DEVALLANCE, David Brian**. Biodegradability and molecular docking studies of lignin/PLA composites for food packaging applications. V: KARLOVITS, Igor (ur.), CORREDIG, Milena (ur.). 2nd Circul-a-bility Conference : book of abstracts : Ljubljana, 12-14 September 2022. Ljubljana: Pulp and Paper Institute; Bruselj: COST Action 191249. 2022, str. 73-74. https://icp-lj.si/wp-content/uploads/2022/09/Final_programme_2CAB-2.pdf. [COBISS.SI-ID 136893699]
kategorija: SU (S)
točke: 2, št. avtorjev: 4/4

141. **ZOUARI, Mariem**, **DEVALLANCE, David Brian**, **MIKULJAN, Marica**, **MARROT, Laetitia Sarah Jennifer**. Effect of biochar on mechanical, thermal, and hygroscopic properties of hemp-polylactic acid (PLA) composites and biodegradation behaviors under fungi activity. V: KARLOVITS, Igor (ur.), CORREDIG, Milena (ur.). 2nd Circul-a-bility Conference : book of abstracts : Ljubljana, 12-14 September 2022. Ljubljana: Pulp and Paper Institute; Bruselj: COST Action 191249. 2022, str. 98-99. https://icp-lj.si/wp-content/uploads/2022/09/Final_programme_2CAB-2.pdf. [COBISS.SI-ID 136893443]
kategorija: SU (S)
točke: 2, št. avtorjev: 4/4

142. **KRÉSZ, Miklós Ferenz**, **DÁVID, Balázs**, **HAJDU, László**, VASS, Máté. Influence monitoring and network flows. V: MIJAČ, Tea (ur.), ŠESTANOVIĆ, Tea (ur.). Book of abstracts : 19th International Conference on Operational Research, September 28-30, 2022, Šibenik, Croatia, (Book of abstracts (International Conference on Operational Research), ISSN 1849-5141). Zagreb: Croatian Operational Research Society: University, Faculty of Economics and Business. 2022, str. 61-62. [COBISS.SI-ID 127644675]
financer: Ministry of Innovation and Technology NRDI Office, Artificial Intelligence National Laboratory Program, RRF-2.3.1-21-2022-00004
kategorija: SU (S)
točke: 1.5, št. avtorjev: 3/4

143. **DÁVID, Balázs**, **PEČNIK, Jaka Gašper**, **MAJCEN, Daša**, **TAVZES, Črtomir**. A multi-objective model for optimizing wood distribution and processing. V: MIJAČ, Tea (ur.), ŠESTANOVIĆ, Tea (ur.). Book of abstracts : 19th International Conference on Operational Research, September 28-30, 2022, Šibenik, Croatia, (Book of abstracts (International Conference on Operational Research), ISSN 1849-5141). Zagreb: Croatian Operational Research Society: University, Faculty of Economics and Business. 2022, str. 64-65. [COBISS.SI-ID 127644931]
financer: ARRS, N1-0223; financer: ARRS, V4-2124
kategorija: SU (S)
točke: 1.5, št. avtorjev: 3/4

144. **HAJDU, László**, QARKAXHIJA, Lisi, BOSAK, Michał, **KRÉSZ, Miklós Ferenz**. Network based predictive modelling. V: MIJAČ, Tea (ur.), ŠESTANOVIĆ, Tea (ur.). Book of abstracts : 19th International Conference on Operational Research, September 28-30, 2022, Šibenik, Croatia, (Book of abstracts (International Conference on Operational Research), ISSN 1849-5141). Zagreb: Croatian Operational Research Society: University, Faculty of Economics and Business. 2022, str. 74-75. [COBISS.SI-ID 127617027]
financer: ARRS, N2-0171
kategorija: SU (S)
točke: 1, št. avtorjev: 2/4

145. **HERRERA DIAZ, Rene Alexander**, **GORDOBIL, Oihana**. Potential application of handheld near-infrared sensors for quality control of cannabis sativa L. V: **SANDAK, Anna Malgorzata** (ur.), **SAJINČIČ, Nežka** (ur.), CASALE, Monica (ur.). Book of abstracts : NIR Italia 2022 : 7-9 June 2022 [Izola, Slovenia] : beyond spectral range, 9th National Symposium of the Italian Society for Near Infrared Spectroscopy (SISNIR), 7-9 June 2022 Izola, Slovenia. Izola: InnoRenew CoE. 2022, str. [83]. https://niritalia2022.sisnir.org/?page_id=444&lang=en. [COBISS.SI-ID 135574275]
kategorija: SU (S)
točke: 2, št. avtorjev: 2/2

146. **SANDAK, Anna Malgorzata**, **POOHPHAJAI, Faksawat**, **HERRERA DIAZ, Rene Alexander**, **PONNUCHAMY, Veerapandian**, **SAJINČIČ, Nežka**, **GORDOBIL, Oihana**, **KRAVOS, Albert**, **ACQUAH, Richard**, **SANDAK, Jakub Michal**. Discrimination of modification process of wood with hyperspectral imaging. V: **SANDAK, Anna Malgorzata** (ur.), **SAJINČIČ, Nežka** (ur.), CASALE, Monica (ur.). Book of abstracts : NIR Italia 2022 : 7-9 June 2022 [Izola, Slovenia] : beyond spectral range, 9th National Symposium of the Italian Society for Near Infrared Spectroscopy (SISNIR), 7-9 June 2022 Izola, Slovenia. Izola: InnoRenew CoE. 2022, str. [84]. https://niritalia2022.sisnir.org/?page_id=444&lang=en. [COBISS.SI-ID 135577859]
kategorija: SU (S)
točke: 1.56, št. avtorjev: 7/9

147. **SANDAK, Jakub Michal**, **SANDAK, Anna Malgorzata**, **KRAVOS, Albert**, **PONNUCHAMY, Veerapandian**, **DÁVID, Balázs**, **KRÉSZ, Miklós Ferenc**, **GORDOBIL, Oihana**, **HERRERA DIAZ, Rene Alexander**, SANDAK, Helena Anna, KVARANTAN, Enya, IVANOVA, Emilija, RAMOS, Alba, PINILLA, Jose Maria, QUINTELA, José Carlos, CLAUDIO, Daniel, MUGUERZA, Ibai Funcia, ALEGRÍA, Irantzu. Portable NIR spectroscopy for characterization of olive leaves. V: **SANDAK, Anna Malgorzata** (ur.), **SAJINČIČ, Nežka** (ur.), CASALE, Monica (ur.). Book of abstracts : NIR Italia 2022 : 7-9 June 2022 [Izola, Slovenia] : beyond spectral range, 9th National Symposium of the Italian Society for Near Infrared Spectroscopy (SISNIR), 7-9 June 2022 Izola, Slovenia. Izola: InnoRenew CoE. 2022, str. [85]. https://niritalia2022.sisnir.org/?page_id=444&lang=en. [COBISS.SI-ID 135586563]
kategorija: SU (S)
točke: 1.14, št. avtorjev: 7/17

148. **SANDAK, Jakub Michal**, DOLINŠEK, Saša, OBLAK, Ana, LEGAN, Lea, RETKO, Klara, KAVČIČ, Maša, ROPRET, Polonca, **SANDAK, Anna Malgorzata**. Characterization of triptych from the Venetian Gothic period with NIR hyperspectral imaging. V: **SANDAK, Anna Malgorzata** (ur.), **SAJINČIČ, Nežka** (ur.), CASALE, Monica (ur.). Book of abstracts : NIR Italia 2022 : 7-9 June 2022 [Izola, Slovenia] : beyond spectral range, 9th National Symposium of the Italian Society for Near Infrared Spectroscopy (SISNIR), 7-9 June 2022 Izola, Slovenia. Izola: InnoRenew CoE. 2022, str. [86]. https://niritalia2022.sisnir.org/?page_id=444&lang=en. [COBISS.SI-ID 135586819]
kategorija: SU (S)
točke: 0.5, št. avtorjev: 2/8

149. KAMBIČ, Tim, **ŠARABON, Nejc**, HADŽIĆ, Vedran, LAINŠČAK, Mitja. Sedentary behaviour and physical activity following multimodal exercise-based cardiac rehabilitation in patients with coronary artery disease. European journal of preventive cardiology, ISSN 2047-4881, 2022, vol. 29, suppl. 1, str. i175. https://academic.oup.com/eurjpc/article/29/Supplement_1/zwac056.121/6583896?login=true, doi: 10.1093/eurjpc/zwac056.121. [COBISS.SI-ID 110138371], [JCR, SNIP]
kategorija: SU (S)
točke: 0.5, št. avtorjev: 1/4

150. KAMBIČ, Tim, HADŽIĆ, Vedran, **ŠARABON, Nejc**, LAINŠČAK, Mitja. The efficacy of high-load resistance training in combination with aerobic training in patients with coronary artery disease : a dose-dependent randomised, controlled clinical trial. European journal of preventive cardiology, ISSN 2047-4881, 2022, vol. 29, suppl. 1, str. i342. https://academic.oup.com/eurjpc/article/29/Supplement_1/zwac056.240/6583875, doi: 10.1093/eurjpc/zwac056.240. [COBISS.SI-ID 110138627], [JCR, SNIP]
kategorija: SU (S)
točke: 0.5, št. avtorjev: 1/4

151. KAMBIČ, Tim, HADŽIĆ, Vedran, **ŠARABON, Nejc**, LAINŠČAK, Mitja. Resistance training during cardiac rehabilitation improves physical performance in patients with coronary artery disease : a randomised controlled trial. European journal of preventive cardiology, ISSN 2047-4881, 2022, vol. 29, suppl. 1, str. i343. https://academic.oup.com/eurjpc/article/29/Supplement_1/zwac056.241/6583874, doi: 10.1093/eurjpc/zwac056.241. [COBISS.SI-ID 110138883], [JCR, SNIP]
kategorija: SU (S)
točke: 0.5, št. avtorjev: 1/4

152. **ACQUAH, Richard**, **SANDAK, Jakub Michal**. IoT based multi monitoring of wood moisture content. V: Final meeting of Port ASAP, abstract book, Tallinn, 14-16 February 2022. Tallinn: Cost Action 16215. 2021, str. [20]. http://portasap.eu/public_files/AB_ext_PortASAP_2022.pdf. [COBISS.SI-ID 101435395]
kategorija: SU (S)
točke: 1, št. avtorjev: 1/2

153. **BURNARD, Michael David**, RITSCHKOF, Anne-Christine, KLEINSCHMIT VON LEGENFELD, Andreas Nikolaus, SIMOLA, Kaisa, KIES, Uwe, KUHL, Alexis, MERIVOURI, Kai, PAJULA, Tiina, TOSI, Giovanni, WIJNENDAELE, Kris, et al. Circularity in Europe%s woodworking sector : policy, practice, and perspectives on the future. V: LEVAN-GREEN, Susan L. (ur.). A global perspective of the present and future utilization of renewable materials : Proceedings of the 65th SWST International Convention : July 10-15, 2022 Peppers Salt resort & spa Kingscliff, NSW, Australia, 65th SWST International Convention, July 10-15, 2022 Peppers Salt resort & spa Kingscliff, NSW, Australia. [Monona]: Society of Wood Science and Technology. 2022, str. 63-64. [COBISS.SI-ID 126919683]
kategorija: SU (S)
točke: 0.17, št. avtorjev: 1/14

154. **PRIMOŽIČ, Lea**, **KUTNAR, Andreja**. Sustainability communication of wood sector in comparison to textile and car industry. V: LEVAN-GREEN, Susan L. (ur.). A global perspective of the present and future utilization of renewable materials : Proceedings of the 65th SWST International Convention : July 10-15, 2022 Peppers Salt resort & spa Kingscliff, NSW, Australia, 65th SWST International Convention, July 10-15, 2022 Peppers Salt resort & spa Kingscliff, NSW, Australia. [Monona]: Society of Wood Science and Technology. 2022, str. 115. [COBISS.SI-ID 126919427]
kategorija: SU (S)
točke: 2, št. avtorjev: 2/2

155. **SAJINČIČ, Nežka**, **SANDAK, Anna Malgorzata**, ISTENIČ, Andreja. Making knowledge about renewable materials accessible and engaging with educational videos based on instructional design. V: LEVAN-GREEN, Susan L. (ur.). A global perspective of the present and future utilization of renewable materials : Proceedings of the 65th SWST International Convention : July 10-15, 2022 Peppers Salt resort & spa Kingscliff, NSW, Australia, 65th SWST International Convention, July 10-15, 2022 Peppers Salt resort & spa Kingscliff, NSW, Australia. [Monona]: Society of Wood Science and Technology. 2022, str. 118-119. [COBISS.SI-ID 126919939]
kategorija: SU (S)
točke: 1.33, št. avtorjev: 2/3

156. **POOHPHAJAI, Faksawat**, MYRONYCHEVA, Olena, KARLSSON, Olov, RAUTKARI, Lauri, **SANDAK, Jakub Michal**, **SANDAK, Anna Malgorzata**. Dynamics of fungi colonization on the surface of Scots pine wood during natural weathering in different European climate zones. V: IRG documents database and compendium. Stockholm: IRG Secretariat, 2022, str. [1-11]. https://irg-wp.com/irgdocs/details.php?76845176-758a-1124-b097-6aec7a7516fd. [COBISS.SI-ID 124596995]
kategorija: SU (S)
točke: 1, št. avtorjev: 3/6

157. **PONNUCHAMY, Veerapandian**, **SANDAK, Jakub Michal**, **SANDAK, Anna Malgorzata**. Molecular dynamics investigation of wood modification with furfuryl alcohol. V: IRG documents database and compendium. Stockholm: IRG Secretariat, 2022, str. 1-12. https://irg-wp.com/irgdocs/details.php?71a6a22b-6b65-648e-a519-8b23915176a4. [COBISS.SI-ID 124597763]
kategorija: SU (S)
točke: 2, št. avtorjev: 3/3

158. **SCHAU, Erwin Andreas Meissner**, **MAVRIČ, Tim**, **PRELOVŠEK NIEMELÄ, Eva**, VENE, Željko, MOLNAR, Sebastjan, KOBALE, Barbara. Analysing carbon footprint and life cycle cost (LCC) of a one family dwelling for more sustainable building solutions. V: **PRIMOŽIČ, Lea** (ur.),**FABIAN, Gertrud** (ur.). IRIC 2022 : Rethinking Buildings and Materials for a Sustainable Future : book of abstracts : 17-18 November 2022, Izola, Slovenia, (InnoRenew CoE International Conference series, ISSN 2784-6679). Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 4. https://innorenew.eu/app/uploads/2022/11/iricBOA_final-1-10.11.2022.pdf. [COBISS.SI-ID 134834691]
kategorija: SU (S)
točke: 1, št. avtorjev: 3/6

159. **ACQUAH, Richard**, **SANDAK, Anna Malgorzata**, **SANDAK, Jakub Michal**. Integration of high-speed 3D laser scanning and photogrammetry for CFD simulation of the airflow around the building. V: **PRIMOŽIČ, Lea** (ur.),**FABIAN, Gertrud** (ur.). IRIC 2022 : Rethinking Buildings and Materials for a Sustainable Future : book of abstracts : 17-18 November 2022, Izola, Slovenia, (InnoRenew CoE International Conference series, ISSN 2784-6679). Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 6. https://innorenew.eu/app/uploads/2022/11/iricBOA_final-1-10.11.2022.pdf. [COBISS.SI-ID 134978819]
kategorija: SU (S)
točke: 1.33, št. avtorjev: 2/3

160. GAVRIĆ, Igor, ŠUŠTERŠIČ, Iztok, PRISLAN, Rok. In-situ measurements and FE numerical study of InnoRenew CoE building%s dynamic performance. V: PRIMOŽIČ, Lea (ur.),FABIAN, Gertrud (ur.). IRIC 2022 : Rethinking Buildings and Materials for a Sustainable Future : book of abstracts : 17-18 November 2022, Izola, Slovenia, (InnoRenew CoE International Conference series, ISSN 2784-6679). Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 7. https://innorenew.eu/app/uploads/2022/11/iricBOA_final-1-10.11.2022.pdf. [COBISS.SI-ID 134834179]
kategorija: SU (S)
točke: 2, št. avtorjev: 3/3

161. ESAKKIMUTHU, Esakkiammal Sudha, DEVALLANCE, David Brian, LEITGEB, Maja, SIPPONEN, Mika H. Antimicrobial polylactic acid/lignin/Cu nanoparticles composite film preparation for food packaging applications. V: PRIMOŽIČ, Lea (ur.),FABIAN, Gertrud (ur.). IRIC 2022 : Rethinking Buildings and Materials for a Sustainable Future : book of abstracts : 17-18 November 2022, Izola, Slovenia, (InnoRenew CoE International Conference series, ISSN 2784-6679). Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 11. https://innorenew.eu/app/uploads/2022/11/iricBOA_final-1-10.11.2022.pdf. [COBISS.SI-ID 134982403]
kategorija: SU (S)
točke: 1, št. avtorjev: 2/4

162. ZOUARI, Mariem, MARROT, Laetitia Sarah Jennifer, DEVALLANCE, David Brian. Biocarbon with tailored properties for the adsorption of indoor volatile organic compounds. V: PRIMOŽIČ, Lea (ur.),FABIAN, Gertrud (ur.). IRIC 2022 : Rethinking Buildings and Materials for a Sustainable Future : book of abstracts : 17-18 November 2022, Izola, Slovenia, (InnoRenew CoE International Conference series, ISSN 2784-6679). Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 13. https://innorenew.eu/app/uploads/2022/11/iricBOA_final-1-10.11.2022.pdf. [COBISS.SI-ID 134985987]
kategorija: SU (S)
točke: 2, št. avtorjev: 3/3

163. ROJAS ALVA, W. Ulises, KNEZ, Nataša, JOMAAS, Grunde, HAN, Lei, MIKULJAN, Marica, KUTNAR, Andreja. Reaction to fire characterisation of densified-processed poplar and beech. V: PRIMOŽIČ, Lea (ur.),FABIAN, Gertrud (ur.). IRIC 2022 : Rethinking Buildings and Materials for a Sustainable Future : book of abstracts : 17-18 November 2022, Izola, Slovenia, (InnoRenew CoE International Conference series, ISSN 2784-6679). Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 15. https://innorenew.eu/app/uploads/2022/11/iricBOA_final-1-10.11.2022.pdf. [COBISS.SI-ID 134988803]
kategorija: SU (S)
točke: 1, št. avtorjev: 3/6

164. LANGELLA, Tania, MIKULJAN, Marica, LEI, Hui, DEVALLANCE, David Brian. Modification of wood via biocarbon particles impregnation. V: PRIMOŽIČ, Lea (ur.),FABIAN, Gertrud (ur.). IRIC 2022 : Rethinking Buildings and Materials for a Sustainable Future : book of abstracts : 17-18 November 2022, Izola, Slovenia, (InnoRenew CoE International Conference series, ISSN 2784-6679). Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 17. https://innorenew.eu/app/uploads/2022/11/iricBOA_final-1-10.11.2022.pdf. [COBISS.SI-ID 135032835]
kategorija: SU (S)
točke: 1.5, št. avtorjev: 3/4

165. TAVZES, Črtomir, STARMAN, Vesna, PEČNIK, Jaka Gašper. Bridging the gap between research and society with education for sustainable development. V: PRIMOŽIČ, Lea (ur.),FABIAN, Gertrud (ur.). IRIC 2022 : Rethinking Buildings and Materials for a Sustainable Future : book of abstracts : 17-18 November 2022, Izola, Slovenia, (InnoRenew CoE International Conference series, ISSN 2784-6679). Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 21. https://innorenew.eu/app/uploads/2022/11/iricBOA_final-1-10.11.2022.pdf. [COBISS.SI-ID 135038979]
kategorija: SU (S)
točke: 2, št. avtorjev: 3/3

166. KRAVOS, Albert, SANDAK, Jakub Michal, SANDAK, Anna Malgorzata. Implementation of spectral sensors and chemometric modelling for development and support of smart supply chain in the agri-food sector. V: PRIMOŽIČ, Lea (ur.),FABIAN, Gertrud (ur.). IRIC 2022 : Rethinking Buildings and Materials for a Sustainable Future : book of abstracts : 17-18 November 2022, Izola, Slovenia, (InnoRenew CoE International Conference series, ISSN 2784-6679). Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 22. https://innorenew.eu/app/uploads/2022/11/iricBOA_final-1-10.11.2022.pdf. [COBISS.SI-ID 135043587]
kategorija: SU (S)
točke: 1.33, št. avtorjev: 2/3

167. PRIMOŽIČ, Lea, KUTNAR, Andreja. Communication of sustainable construction topics through social media. V: PRIMOŽIČ, Lea (ur.),FABIAN, Gertrud (ur.). IRIC 2022 : Rethinking Buildings and Materials for a Sustainable Future : book of abstracts : 17-18 November 2022, Izola, Slovenia, (InnoRenew CoE International Conference series, ISSN 2784-6679). Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 23. https://innorenew.eu/app/uploads/2022/11/iricBOA_final-1-10.11.2022.pdf. [COBISS.SI-ID 135046659]
kategorija: SU (S)
točke: 2, št. avtorjev: 2/2

168. MAJCEN, Daša, SCHAU, Erwin Andreas Meissner, KUTNAR, Andreja. Carbon storage in harvested wood products in Europe : state of the art analysis and research outlook. V: PRIMOŽIČ, Lea (ur.),FABIAN, Gertrud (ur.). IRIC 2022 : Rethinking Buildings and Materials for a Sustainable Future : book of abstracts : 17-18 November 2022, Izola, Slovenia, (InnoRenew CoE International Conference series, ISSN 2784-6679). Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 24. https://innorenew.eu/app/uploads/2022/11/iricBOA_final-1-10.11.2022.pdf. [COBISS.SI-ID 135052035]
kategorija: SU (S)
točke: 1.33, št. avtorjev: 2/3

169. SLAVEC, Ana, HOEBEN, Annechien D., TORRES, Miguel M., PRIMOŽIČ, Lea, STERN, Tobias. Climate change adaptation and mitigation activities of Austrian and Slovenian enterprises in the wood-value chain. V: PRIMOŽIČ, Lea (ur.),FABIAN, Gertrud (ur.). IRIC 2022 : Rethinking Buildings and Materials for a Sustainable Future : book of abstracts : 17-18 November 2022, Izola, Slovenia, (InnoRenew CoE International Conference series, ISSN 2784-6679). Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 25. https://innorenew.eu/app/uploads/2022/11/iricBOA_final-1-10.11.2022.pdf. [COBISS.SI-ID 135057923]
kategorija: SU (S)
točke: 0.8, št. avtorjev: 2/5

170. KASTELIC, Kaja, PODREKAR, Nastja, LIPOVAC, Dean, ERCE, Mateja, BURNARD, Michael David, ŠARABON, Nejc. The impact of built environment on movement behaviours : a brief overview of the systematic reviews. V: PRIMOŽIČ, Lea (ur.),FABIAN, Gertrud (ur.). IRIC 2022 : Rethinking Buildings and Materials for a Sustainable Future : book of abstracts : 17-18 November 2022, Izola, Slovenia, (InnoRenew CoE International Conference series, ISSN 2784-6679). Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 27. https://innorenew.eu/app/uploads/2022/11/iricBOA_final-1-10.11.2022.pdf. [COBISS.SI-ID 130102019]
kategorija: SU (S)
točke: 2, št. avtorjev: 6/6

171. ERCE, Mateja, LIPOVAC, Dean, BURNARD, Michael David. Addressing older adults% needs with built environment features : systematic literature review. V: PRIMOŽIČ, Lea (ur.),FABIAN, Gertrud (ur.). IRIC 2022 : Rethinking Buildings and Materials for a Sustainable Future : book of abstracts : 17-18 November 2022, Izola, Slovenia, (InnoRenew CoE International Conference series, ISSN 2784-6679). Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 28. https://innorenew.eu/app/uploads/2022/11/iricBOA_final-1-10.11.2022.pdf. [COBISS.SI-ID 135068931]
kategorija: SU (S)
točke: 2, št. avtorjev: 3/3

172. PRISLAN, Rok, PIRNAT, Denis, DOVJAK, Mateja. The influence of the position of noise sources in lecture halls and its impact on the subjectively evaluated speech intelligibility. V: PRIMOŽIČ, Lea (ur.),FABIAN, Gertrud (ur.). IRIC 2022 : Rethinking Buildings and Materials for a Sustainable Future : book of abstracts : 17-18 November 2022, Izola, Slovenia, (InnoRenew CoE International Conference series, ISSN 2784-6679). Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 29. https://innorenew.eu/app/uploads/2022/11/iricBOA_final-1-10.11.2022.pdf. [COBISS.SI-ID 134606339]
kategorija: SU (S)
točke: 0.67, št. avtorjev: 1/3

173. JUTRAŽ, Anja, MALOVRH REBEC, Katja, OOSTWEGEL, Laurens Jozef Nicolaas, MRISSA, Michael Nicolas, KUKEC, Andreja. Spremljanje parametrov za zdravo bivalno okolje s pomočjo digitalizacije stavb = Monitoring parameters for a healthy living environment through digitalization of buildings. V: VRAČKO, Pia (ur.), et al. Javno zdravje % dosežki, nova spoznanja in izzivi prihodnosti : zbornik izvlečkov. Ljubljana: Sekcija za preventivno medicino Slovenskega zdravniškega društva. 2022, str. 197-198. https://www.spm.si/gradiva-kongres-2022/. [COBISS.SI-ID 118532355]
kategorija: SU (S)
točke: 0.4, št. avtorjev: 1/5

174. JUTRAŽ, Anja, BITENC, Katarina, KUKEC, Andreja, **ERCE, Mateja**, **BURNARD, Micahel**. Aktivno življenje starajočega prebivalstva - vpeljava metodologije in rešitev projekta PHARAON = Active living for aging adults - implementation of methodology and solution of the PHARAON project. V: VRAČKO, Pia (ur.), et al. Javno zdravje % dosežki, nova spoznanja in izzivi prihodnosti : zbornik izvlečkov. Ljubljana: Sekcija za preventivno medicino Slovenskega zdravniškega društva. 2022, str. 219-220. https://www.spm.si/gradiva-kongres-2022/. [COBISS.SI-ID 119436547]
kategorija: SU (S)
točke: 0.4, št. avtorjev: 1/5

175. MANOJLOVIĆ, Denisa, **ŠARABON, Nejc**. Changes in trunk and lower extremity muscle strength following a targeted exercise program in patients with patellofemoral pain. Montenegrin Journal of Sports Science and Medicine, ISSN 1800-8755, apr. 2022, vol.11, št. S1, str. 7. [COBISS.SI-ID 104753411], [SNIP]
kategorija: SU (S)
točke: 1, št. avtorjev: 1/2

176. **SAŠEK, Matic**, **ŠARABON, Nejc**. Validity of a 2K kinematic method for measuring the force-velocity-power through the vertical jump. Montenegrin Journal of Sports Science and Medicine, ISSN 1800-8755, apri. 2022, vol. 11, št. S1, str. 15. [COBISS.SI-ID 104758531], [SNIP]
kategorija: SU (S)
točke: 2, št. avtorjev: 2/2

177. ŠARAC, Andrea, **BUTINA, Karen**, KOKELJ, Pia, SKULJ, Katja, NARAT, Mojca, POHAR, Jelka, HORVAT, Simon, SMOLE, Anže. Improving CAR T cell immunotherapy to treat cancer. V: KUNEJ, Tanja (ur.). Rodica ima talent 2022 : zbornik prispevkov, 3. srečanje doktorskih in podoktorskih študentov Oddelka za zootehniko Biotehniške fakultete, Groblje, 14. april 2022, hibridni dogodek. Ljubljana: Biotehniška fakulteta. 2022, str. 28-29, ilustr. [COBISS.SI-ID 113114115]
kategorija: SU (S)
točke: 0.25, št. avtorjev: 1/8

178. **DÁVID, Balázs**, **HAJDU, László**, **KRÉSZ, Miklós Ferenz**. The uplift diffusion network model and intervention optimization. V: VOCAL 2022 : 9th VOCAL Optimization Conference: Advanced Algorithms, Budapest, Hungary, May 25-27, 2022 : abstracts, 9th VOCAL Optimization Conferenc: Advanced Algorithms, Budapest, Hungary, May 25-27, 2022. [Budapest]: Hungarian Operations Research Society, 2022, [1] str. http://vocal.p-graph.org/abstracts.html. [COBISS.SI-ID 136460035]
kategorija: SU (S)
točke: 2, št. avtorjev: 3/3

179. **SANDAK, Anna Malgorzata**. Bioinspired living coating system for high-rise buildings. V: Woodrise 2022 : Renovation, restoration, & rehabilitation of urban buildings using wood-based technologies : Portorož, Slovenia, 6-9 September 2022 : book of abstracts, Woodrise 2022, Renovation, restoration, & rehabilitation of urban buildings using wood-based technologies, Portorož, Slovenia, 6-9 September 2022. Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 22-24, ilustr. https://www.hippocampus.si/ISBN/978-961-293-189-6.pdf. [COBISS.SI-ID 135417859]
kategorija: SU (S)
točke: 2, št. avtorjev: 1/1

180. **SANDAK, Anna Malgorzata**, **SANDAK, Jakub Michal**, **VCELAK, Jan**, HEERES, Hans, VAN DE BELD, Bert. Sustainable development of wood-based products for the construction sector : the NewWave project approach. V: Woodrise 2022 : Renovation, restoration, & rehabilitation of urban buildings using wood-based technologies : Portorož, Slovenia, 6-9 September 2022 : book of abstracts, Woodrise 2022, Renovation, restoration, & rehabilitation of urban buildings using wood-based technologies, Portorož, Slovenia, 6-9 September 2022. Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 25-26, ilustr. https://www.hippocampus.si/ISBN/978-961-293-189-6.pdf. [COBISS.SI-ID 135420675]
kategorija: SU (S)
točke: 1.2, št. avtorjev: 3/5

181. BRISCHKE, Christian, **ACQUAH, Richard**, ALFREDSEN, Gry, FRÜHWALD HANSSON, Eva, KALAMEES, Targo, KERS, Jaan, NIKLEWSKI, Jonas, **SANDAK, Anna Malgorzata**, **SANDAK, Jakub Michal**, NIEKERK, Philip B. van, et al. Enabling robust and precise life-cycle-costing in wood construction by novel methods for service planning : an outline of the %WoodLCC% project. V: Woodrise 2022 : Renovation, restoration, & rehabilitation of urban buildings using wood-based technologies : Portorož, Slovenia, 6-9 September 2022 : book of abstracts, Woodrise 2022, Renovation, restoration, & rehabilitation of urban buildings using wood-based technologies, Portorož, Slovenia, 6-9 September 2022. Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 27-29, ilustr. https://www.hippocampus.si/ISBN/978-961-293-189-6.pdf. [COBISS.SI-ID 135547907]
kategorija: SU (S)
točke: 0.33, št. avtorjev: 2/16

Published scientific conference contribution abstract /
Objavljeni povzetek znanstvenega prispevka na konferenci

182. **SCHAU, Erwin Andreas Meissner**. Life Cycle Assessment (LCA) of the largest wooden building in Slovenia : the InnoRenew Centre of Excellence, Izola. V: Woodrise 2022 : Renovation, restoration, & rehabilitation of urban buildings using wood-based technologies : Portorož, Slovenia, 6-9 September 2022 : book of abstracts, Woodrise 2022, Renovation, restoration, & rehabilitation of urban buildings using wood-based technologies, Portorož, Slovenia, 6-9 September 2022. Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 39-40, ilustr. https://www.hippocampus.si/ISBN/978-961-293-189-6.pdf. [COBISS.SI-ID 135451907]
kategorija: SU (S)
točke: 2, št. avtorjev: 1/1

183. **PRELOVŠEK NIEMELÄ, Eva**, **ACQUAH, Richard**, **KAVKA, Urban**, **NIEMELÄ, Aarne**, **KUTNAR, Andreja**, **ŠUŠTERŠIČ, Iztok**, **MIKULJAN, Marica**. Weather protection and moisture content of large mass timber buildings during construction. V: Woodrise 2022 : Renovation, restoration, & rehabilitation of urban buildings using wood-based technologies : Portorož, Slovenia, 6-9 September 2022 : book of abstracts, Woodrise 2022, Renovation, restoration, & rehabilitation of urban buildings using wood-based technologies, Portorož, Slovenia, 6-9 September 2022. Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 47-49, ilustr. https://www.hippocampus.si/ISBN/978-961-293-189-6.pdf. [COBISS.SI-ID 135561475]
kategorija: SU (S)
točke: 1.71, št. avtorjev: 6/7

184. **HAN, Lei**, **KUTNAR, Andreja**, **ŠUŠTERŠIČ, Iztok**, COUCEIRO, José, SANDBERG, Dick. Restrained swelling deformation of densifi ed wood dowel in Dowel-Laminated-Timber (DLT). V: Woodrise 2022 : Renovation, restoration, & rehabilitation of urban buildings using wood-based technologies : Portorož, Slovenia, 6-9 September 2022 : book of abstracts, Woodrise 2022, Renovation, restoration, & rehabilitation of urban buildings using wood-based technologies, Portorož, Slovenia, 6-9 September 2022. Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 50-52, ilustr. https://www.hippocampus.si/ISBN/978-961-293-189-6.pdf. [COBISS.SI-ID 135565315]
kategorija: SU (S)
točke: 1.2, št. avtorjev: 3/5

185. **VCELAK, Jan**, MLEJNEK, Pavel. Long-term statistical assessment of conditions in timber buildings construction. V: Woodrise 2022 : Renovation, restoration, & rehabilitation of urban buildings using wood-based technologies : Portorož, Slovenia, 6-9 September 2022 : book of abstracts, Woodrise 2022, Renovation, restoration, & rehabilitation of urban buildings using wood-based technologies, Portorož, Slovenia, 6-9 September 2022. Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. 2022, str. 53-54, ilustr. https://www.hippocampus.si/ISBN/978-961-293-189-6.pdf. [COBISS.SI-ID 135452163]
kategorija: SU (S)
točke: 1, št. avtorjev: 1/2

186. **KASTELIC, Kaja**, STARBEK, Petra, **ŠARABON, Nejc**. Zanesljivost vprašalnika o spanju, sedenju in telesni dejavnosti med mladostniki = Reliability of Daily Activity Behaviour Questionnaire among adolescents. V: PETELIN, Ana (ur.). Zdravje otrok in mladostnikov : 6. znanstvena in strokovna konferenca z mednarodno udeležbo : zbornik povzetkov z recenzijo : [16. september 2022] = Health of children and adolescents : 6th scientific and professional international conference : book of abstracts : [16th September 2022]. Koper: Založba Univerze na Primorskem: = University of Primorska Press. 2022, str. 50-51. https://doi.org/10.26493/978-961-293-167-4, doi: 10.26493/978-961-293-167-4. [COBISS.SI-ID 120814595]
kategorija: SU (S)
točke: 1.33, št. avtorjev: 2/3

187. PODREKAR, Nastja, STARBEK, Petra, JURŠA, Barbara, **KASTELIC, Kaja**. Smernice za s šolo povezano sedentarno vedenje za otroke in mladostnike = School-related sedentary behavior reccommendations for children and youth. V: PETELIN, Ana (ur.). Zdravje otrok in mladostnikov : 6. znanstvena in strokovna konferenca z mednarodno udeležbo : zbornik povzetkov z recenzijo : [16. september 2022] = Health of children and adolescents : 6th scientific and professional international conference : book of abstracts : [16th September 2022]. Koper: Založba Univerze na Primorskem: = University of Primorska Press. 2022, str. 74-75. https://doi.org/10.26493/978-961-293-167-4, doi: 10.26493/978-961-293-167-4. [COBISS.SI-ID 120823811]
kategorija: SU (S)
točke: 1, št. avtorjev: 2/4

Published scientific conference contribution abstract / Objavljeni povzetek znanstvenega prispevka na konferenci

188. MANOJLOVIĆ, Denisa, **ŠARABON, Nejc**, PROSEN, Mirko. Doživljanje patelofemoralne bolečine pri mladostnikih po usmerjeni gibalni terapiji = The experience of patellofemoral pain in adolescents after a targeted exercise program. V: PETELIN, Ana (ur.). Zdravje otrok in mladostnikov : 6. znanstvena in strokovna konferenca z mednarodno udeležbo : zbornik povzetkov z recenzijo : [16. september 2022] = Health of children and adolescents : 6th scientific and professional international conference : book of abstracts : [16th September 2022]. Koper: Založba Univerze na Primorskem: = University of Primorska Press. 2022, str. 198-199. https://doi.org/10.26493/978-961-293-167-4, doi: 10.26493/978-961-293-167-4. [COBISS.SI-ID 120830979]
kategorija: SU (S)
točke: 0.67, št. avtorjev: 1/3

Independent scientific component part or chapter in a monograph / Samostojni znanstveni sestavek ali poglavje v monografski publikaciji

189. PICCHI, Gianni, **SANDAK, Jakub Michal**, GRIGOLATO, Stefano, PANZACCHI, Pietro, TOGNETTI, S. Smart harvest operations and timber processing for improved forest management. V: TOGNETTI, Roberto, SMITH, Melanie, PANZACCHI, Pietro. Climate-smart forestry in mountain regions, (Managing forest ecosystems (Online), ISSN 2352-3956, vol. 40), (Managing forest ecosystems (Print), ISSN 1568-1319, vol. 40). Cham: Springer. cop. 2022, str. 317-359, ilustr. https://doi.org/10.1007/978-3-030-80767-2_9, https://link.springer.com/chapter/10.1007/978-3-030-80767-2_9, doi: 10.1007/978-3-030-80767-2_9. [COBISS.SI-ID 101001731]
kategorija: 3A (Z, A', A1/2); tip dela še ni verificiran
točke: 12, št. avtorjev: 1/5

190. **SCHAU, Erwin Andreas Meissner, PRELOVŠEK NIEMELÄ, Eva, NIEMELÄ, Aarne**, ALENCAR GAVRIC, Tatiana Abaurre, **ŠUŠTERŠIČ, Iztok**. Life cycle assessment benchmark for wooden buildings in Europe. V: KŁOS, Zbigniew Stanisław (ur.), KAŁKOWSKA, Joanna (ur.), KASPRZAK, Jędrzej (ur.). Towards a sustainable future - life cycle management : challenges and prospects. Cham: Springer Nature. cop. 2022, str. 143-154, ilustr. https://link.springer.com/chapter/10.1007%2F978-3-030-77127-0_13, doi: 10.1007/978-3-030-77127-0_13. [COBISS.SI-ID 84024067]
kategorija: 3C (Z); tip dela je verificiral OSICN
točke: 16, št. avtorjev: 4/5

Preface, afterword / Predgovor, spremna beseda

191. **BURNARD, Michael David, KUTNAR, Andreja**. 1st SensorFINT International Conference host welcome. V: **SANDAK, Anna Malgorzata** (ur.), et al. 1st SensorFINT International Conference : Non-destructive spectral sensors advances and future trends : 10-12 May 2022 Izola, Slovenia : book of abstracts. Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. cop. 2022, str. [3]. https://www.hippocampus.si/ISBN/978-961-293-153-7.pdf. [COBISS.SI-ID 135587331]
kategorija: SU (S)
točke: 2, št. avtorjev: 2/2

192. **SANDAK, Anna Malgorzata**. 1st SensorFINT International Conference organising committee welcome. V: **SANDAK, Anna Malgorzata** (ur.), et al. 1st SensorFINT International Conference : Non-destructive spectral sensors advances and future trends : 10-12 May 2022 Izola, Slovenia : book of abstracts. Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press. cop. 2022, str. [4]. https://www.hippocampus.si/ISBN/978-961-293-153-7.pdf. [COBISS.SI-ID 135587075]
kategorija: SU (S)
točke: 2, št. avtorjev: 1/1

Dictionary, Encyclopaedia, Lexicon, Manual, Atlas, Map / Slovar, enciklopedija, leksikon, priročnik, atlas, zemljevid

193. **KASTELIC, Kaja, ŠARABON, Nejc**. Vprašalnik o spanju, sedenju in telesni dejavnosti (SST) : priročnik za uporabo. Izola: Univerza na Primorskem, Fakulteta za vede o zdravju, 2022. 1 spletni vir (1 datoteka PDF (19 str.)). https://healthytimeuse.com/DABQ_Prirocnik.pdf. [COBISS.SI-ID 107261955]
kategorija: SU (S)
točke: 50, št. avtorjev: 2/2

Doctoral Dissertation / Doktorska disertacija

194. **TOŠIĆ, Aleksandar**. Empirična študija uporabe tehnologije veriženja blokov v obstoječih sistemih in arhitekturah : doktorska disertacija = Tradeoffs in using blockchain technology for security, privacy, and decentralization: theoretical and empirical perspectives : doctoral thesis. Koper: [A. Tošić], 2022. [V], 99 str., pril., ilustr. https://www.famnit.upr.si/sl/studij/zakljucna_dela/view/1113. [COBISS.SI-ID 122661635]
kategorija: SU (S)
točke: 20, št. avtorjev: 1/1

195. **LIPOVAC, Dean**. Preference ljudi do lesnih materialov in vloga le-teh v restorativnih okoljih : doktorska disertacija = Human preference for wooden materials and their role in restorative environments : doctoral dissertation. Koper: [D. Lipovac], 2022. [V], 139 str., ilustr. https://www.famnit.upr.si/sl/studij/zakljucna_dela/view/1142. [COBISS.SI-ID 129775107]
kategorija: SU (S)
točke: 20, št. avtorjev: 1/1

Master's Thesis / Magistrsko delo

196. **KAVKA, Urban**. Od zapuščene tovarne smodnika do kulturnega prizorišča % potencial Kreativne četrti Barutana skozi akustično sanacijo za prilagodljivo namembnost prostora : magistrsko delo = From abandoned gunpowder factory to cultural venue % potential of Kreativna četrt Barutana through acoustic renovation for changeable scenery. Koper: [U. Kavka], 2022. XII, 93 str., ilustr. https://www.famnit.upr.si/sl/studij/zakljucna_dela/view/1101. [COBISS.SI-ID 121686275]
kategorija: SU (S)
točke: 10, št. avtorjev: 1/1

Final Research Report / Končno poročilo o rezultatih raziskav

197. SCHELLNHUBER, Hans-Joachim, WIDERA, Barbara, **KUTNAR, Andreja**, ORGANSCHI, Alan, HAFNER, Annette, HILLEBRANDT, Annette, MURPHY, Orla, NAKICENOVIC, Nebojsa. Horizon Europe and new European Bauhaus NEXUS report : conclusions of the High-Level Workshop on Research and Innovation for the New European Bauhaus, jointly organised by DG Research and Innovation and the Joint Research Centre. Brussel: European Commission, Directorate-General for Research and Innovation, 2022. 1 spletni vir (1 datoteka PDF (61 str.)). ISBN 978-92-76-46886-8. https://data.europa.eu/doi/10.2777/49925, https://doi.org/10.2777/49925, doi: 10.2777/49925. [COBISS.SI-ID 99141123]
kategorija: SU (S)
točke: 0.25, št. avtorjev: 1/8

198. **TAVZES, Črtomir**, KOSEL, Janez. Ovrednotenje različnih elisa postopkov za optimizacijo določitve proteinov v ekstraktih odvzetih vzorcev : poročilo dediščinskih raziskav. Ljubljana: Zavod za varstvo kulturne dediščine Slovenije, Center za konservatorstvo, Raziskovalni inštitut, 2022. 13 str., ilustr. [COBISS.SI-ID 134017283]
kategorija: SU (S)
točke: 1, št. avtorjev: 1/2

Radio or television broadcast / Radijska ali televizijska oddaja

199. **KUTNAR, Andreja** (intervjuvanec), ŠTRAKL, Boris (oseba, ki intervjuva), ŠUBIC, Barbara (oseba, ki intervjuva). Inovativni, trajnostni materiali in njihov vpliv na udobje bivanja, (Hiša, 17). Žiri: M SORA; Stockholm: Spotify [distributer], 2022. 1 spletni vir (1 zvočna datoteka (54min, 28 sek)). https://open.spotify.com/episode/028xMaOfv8SjcCiLj5cPRQ, https://anchor.fm/hisa-podkast. [COBISS.SI-ID 136661507]
kategorija: SU (S)
točke: 0.67, št. avtorjev: 1/3

200. ROMIH, Boštjan (voditelj oddaje), **KUTNAR, Andreja** (intervjuvanec), **PRELOVŠEK NIEMELÄ, Eva** (intervjuvanec). Največja lesena stavba v Sloveniji - InnoRenew CoE, (Tv Ambienti). Škofja Loka: Matador produkcija; [San Bruno]: YouTube [distributer], 2022. 1 spletni vir (1 videodatoteka (9 min, 16 sek)), barve, zvok. https://www.youtube.com/watch?v=dtJez5PQx-w. [COBISS.SI-ID 136662019]
kategorija: SU (S)
točke: 1.33, št. avtorjev: 2/3

201. **ŠUŠTERŠIČ, Iztok** (intervjuvanec), **BUTINA, Karen** (intervjuvanec), TURK, Goran (intervjuvanec), HUMAR, Miha (intervjuvanec), TERAŽ, Nataša (intervjuvanec). Od gozdov do domov : prihodnost trajnostne gradnje, (STAznanost), (STA vŽIVO.si). [Ljubljana]: STA; [San Bruno]: YouTube [distributer], 2022. 1 spletni vir (1 videodatoteka (1 h, 27 min, 1 sek)), barve, zvok. https://www.youtube.com/watch?v=l6Z7OvT5nEc. [COBISS.SI-ID 135219715]
kategorija: SU (S)
točke: 0.8, št. avtorjev: 2/5

202. **KUTNAR, Andreja** (intervjuvanec). Razstava Bivanje z lesom Slowoodlife v InnoRenew CoE, Izola. [S. l.]: Slowoodlife; [San Bruno]: YouTube [distributer], 2022. 1 spletni vir (1 videodatoteka (2 min, 40 sek)), barve, zvok. https://www.youtube.com/watch?v=1n5M2N4IWVY&t=160s. [COBISS.SI-ID 136660995]
kategorija: SU (S)
točke: 2, št. avtorjev: 1/1

203. **ŠUŠTERŠIČ, Iztok** (intervjuvanec), **SANDAK, Anna Malgorzata** (intervjuvanec), **BUTINA, Karen** (intervjuvanec). Slovenski raziskovalci v boj proti propadanju lesa z živimi premazi za samozdravljenje materialov, (STAznanost), (STA vŽIVO.si). [Ljubljana]: STA; [San Bruno]: YouTube [distributer], 2022. 1 spletni vir (1 videodatoteka (4 min, 26 sek)), barve, zvok. https://www.youtube.com/watch?v=Sn-r6GoeM8I, http://znanost.sta.si/3119977. [COBISS.SI-ID 136970243]
kategorija: SU (S)
točke: 2, št. avtorjev: 3/3

204. ČEBRON LIPOVEC, Neža (intervjuvanec), **KUTNAR, Andreja** (intervjuvanec), ŠIROK, Klemen (intervjuvanec), CERRI, Jacopo (intervjuvanec), ROGELJA, Manja (intervjuvanec). Università del Litorale, progetti e territorio : Meridiani, programma informativo, (Meridiani). [Koper]: TV Capodistria, 2022. 1 spletni vir (1 videodatoteka (1 ura 01 min, 07 sek)). https://365.rtvslo.si/arhiv/meridiani/174842307. [COBISS.SI-ID 95517699]
kategorija: SU (S)
točke: 0.4, št. avtorjev: 1/5

205. ŽIDAN, Dejan (diskutant), KUHAR, Rok (diskutant), JEZA, Primož (diskutant), **PRELOVŠEK NIEMELÄ, Eva** (diskutant), LIČEN, Peter (diskutant). Wood Tech Talk. Kočevje: 10. Festival lesa; [San Bruno]: YouTube [distributer], 2022. 1 spletni vir (1 videodatoteka (1 h, 12 min, 3 sek)), barve, zvok. https://www.youtube.com/watch?v=N2bWI6UOGS4. [COBISS.SI-ID 136667395]
kategorija: SU (S)
točke: 0.4, št. avtorjev: 1/5

Complete scientific database or corpus / Zaključena znanstvena zbirka podatkov ali korpus

206. JOHNSON, Sherri L., SKAUGSET, Arne E., **SIMMONS, Amy Noel**, ASHKENAS, Linda R.. Trask River Watershed Study : stream discharge, 2007-2016, (Forest Service Research Data Archive). [Washington,: U. S. Department of agriculture; Fort Collins: Forest Service Research Data Archive, 2022]. 1 spletni vir. https://www.fs.usda.gov/rds/archive/catalog/RDS-2022-0004, https://doi.org/10.2737/RDS-2022-0004, doi: 10.2737/RDS-2022-0004. [COBISS.SI-ID 136227331]
kategorija: 2NK (S); tip dela še ni verificiran
točke: 1.25, št. avtorjev: 1/4

Software / Programska oprema

207. **KASTELIC, Kaja, ŠARABON, Nejc**. Kako zdrav je vaš dan : spletno orodje za vrednotenje in promocijo zdravega 24-urnega gibalnega vedenja. [Izola]: Univerza na Primorskem, Fakulteta za vede o zdravju, 2022. 1 spletni vir (1 programska datoteka). https://healthytimeuse.com/sl/pages/9. [COBISS.SI-ID 106222083]
kategorija: SU (S)
točke: 2, št. avtorjev: 2/2

208. **KASTELIC, Kaja**, **ŠARABON, Nejc**. SSTanalizator 3.0 : orodje za čiščenje in analizo podatkov iz Vprašalnika o spanju, sedenju in telesni dejavnosti (SST). Izola: Univerza na Primorskem, Fakulteta za vede o zdravju, 2022. 1 spletni vir (1 programska datoteka). https://healthytimeuse.com/DABQ_Analizator.xlsx. [COBISS.SI-ID 107256579]
kategorija: SU (S)
točke: 2, št. avtorjev: 2/2

Patent

209. **ŠARABON, Nejc**, MARKOVIĆ, Goran. A device and a method for non-invasive evaluation of funcional stability of the trunk = Vorrichtung und verfahren zur nicht-invasiven Bewertung der funktionellen Stabilität des Rumpfes = Dispositif et procédé d'évaluation non invasive de la stabilité fonctionnelle du tronc : European patent specification EP 3 744 234 B1, 2022-08-10. Munich: European Patent Office, 2022. 13 str., ilustr. https://worldwide.espacenet.com/patent/search/family/069581864/publication/EP3744234B1?q=pn%3DEP3744234B1. [COBISS.SI-ID 121849091]
patentna družina: EP3744234A1, 2020-12-02; EP20156876A, 2020-02-12
kategorija: 2E (Z, A'', A', A1/2); tip dela je verificiral OSICT
točke: 100, št. avtorjev: 1/2

210. **VCELAK, Jan**, MAZANEC, Vojtěch, MLEJNEK, Pavel, VODIČKA, Aleš, KNY, Martin, ADAMOVSKÝ, Daniel. Systém pro větrání objektu obsahující alespoň jednu větrací jednotku s možnost vytápění a chlazení se zvýšeným odvodem odpadního tepla : patentový spis CZ 308 018 B6, 2019-10-23. Praha: Úřad prumyslového vlastnictví, 2019. 34 str., ilustr. https://worldwide.espacenet.com/patent/search/family/068238769/publication/CZ308018B6?q=pn%3DCZ308018B6. [COBISS.SI-ID 39189251]
patentna družina: CZ2018494A3, 2019-10-23; CZ2018494A, 2018-09-21; EP3627061A1, 2020-03-25
kategorija: 2E (Z, A1/2); tip dela je verificiral OSICT
točke: 33.33, št. avtorjev: 1/6

211. DUJIČ, Bruno, **ŠUŠTERŠIČ, Iztok**. A building seismic strengthening system : EP2672038 (B1), 2017-11-15. München: European Patent Office, 2017. 3 str., ilustr. https://worldwide.espacenet.com/publicationDetails/originalDocument?FT=D&date=20171115&DB=EPODOC&locale=en_EP&CC=EP&NR=2672038B1&KC=B1&ND=6# . [COBISS.SI-ID 1540026820]
patentna družina: EP2672038 (A3), 2014-06-25; SI23678 (A), 2012-09-28
kategorija: 2E (Z, A'', A', A1/2); tip dela je verificiral OSICT
točke: 100, št. avtorjev: 1/2

212. ORŁOWSKI, Kazimierz A., **SANDAK, Jakub Michal**, **SANDAK, Anna Malgorzata**, RIGGIO, Mariapaola. Method for determining the resistance to cracking or breaking and method for determining the resistance to shearing of elements produced from orthotropous materials, preferably from wood : PL226010 (B1), 2017-06-30. Warszawa: Urząd Patentowy Rzeczypospolitej Polskiej, 2017. 9 str., ilustr. https://worldwide.espacenet.com/publicationDetails/biblio?FT=D&date=20150706&DB=&locale=en_EP&CC=PL&NR=406719A1&KC=A1&ND=4. [COBISS.SI-ID 1540081860]
patentna družina: PL406719 (A1), 2015-07-06
kategorija: 2E (Z, A1/2); tip dela je verificiral OSICT
točke: 100, št. avtorjev: 2/4

213. ALLEGRETTI, Ottaviano, CERULLO, Sebastiano, FERRARI, Silvia, **SANDAK, Anna Malgorzata**, **SANDAK, Jakub Michal**. Metodo e dispositivo per verifica del trattamento termico del legno : IT0001406945, 2014-03-14. München: European Patent Office, 2014. 2 str. https://worldwide.espacenet.com/publicationDetails/biblio?FT=D&date=20130123&DB=&locale=en_EP&CC=IT&NR=TO20110664A1&KC=A1&ND=4. [COBISS.SI-ID 1540081604]
patentna družina: Patent ITTO20110664 (A1); Application number TO2011A000664, 2013-01-23
kategorija: 2E (Z, A'', A', A1/2); tip dela je verificiral OSICT
točke: 80, št. avtorjev: 2/5

Radio or Television Event / Radijski ali TV dogodek

214. **PRISLAN, Rok** (intervjuvanec), **KAVKA, Urban** (intervjuvanec). Akustika prostorov : prispevek v Ugriznimo znanost, RTV Slovenija, 17. marec 2022. https://www.rtvslo.si/rtv365/arhiv/174856956?s=tv. [COBISS.SI-ID 136888323]
kategorija: SU (S)
točke: 2, št. avtorjev: 2/2

215. **TAVZES, Črtomir** (intervjuvanec), **SANDAK, Jakub Michal** (intervjuvanec). Kam z oljčnimi listi? : prispevek v oddaji Primorska kronika, RTV Slovenija, 18. marec 2022. https://www.rtvslo.si/rtv365/arhiv/174857312?s=tv. [COBISS.SI-ID 136682243]
kategorija: SU (S)
točke: 2, št. avtorjev: 2/2

216. **MAVRIČ, Tim** (intervjuvanec). Marežganski upor na reliefu : prispevek v oddaji Primorska kronika, RTV Slovenija, 15. februar 2022. https://www.rtvslo.si/rtv365/arhiv/174848567?s=tv. [COBISS.SI-ID 136680707]
kategorija: SU (S)
točke: 2, št. avtorjev: 1/1

217. **ŠUŠTERŠIČ, Iztok** (intervjuvanec), **KUTNAR, Andreja** (intervjuvanec). Največja lesena stavba v Sloveniji : prispevek v oddaji Primorska kronika, RTV Slovenija, 23. februar 2022. https://www.rtvslo.si/rtv365/arhiv/174850869?s=tv. [COBISS.SI-ID 136680963]
kategorija: SU (S)
točke: 2, št. avtorjev: 2/2

218. **ŠUŠTERŠIČ, Iztok** (intervjuvanec), **KUTNAR, Andreja** (intervjuvanec). Največja lesena stavba v Sloveniji : prispevek v oddaji Slovenska kronika, RTV Slovenija, 23. februar 2022. https://365.rtvslo.si/arhiv/slovenska-kronika/174850887. [COBISS.SI-ID 136681475]
kategorija: SU (S)
točke: 2, št. avtorjev: 2/2

219. **ŠUŠTERŠIČ, Iztok** (intervjuvanec), **PRELOVŠEK NIEMELÄ, Eva** (intervjuvanec). Nova streha za porodnišnico : prispevek v oddaji Primorska kronika, RTV Slovenija, 18. januar 2022. https://365.rtvslo.si/arhiv/primorska-kronika/174840620. [COBISS.SI-ID 136679683]
kategorija: SU (S)
točke: 2, št. avtorjev: 2/2

220. **PRELOVŠEK NIEMELÄ, Eva** (intervjuvanec), BIZJAK, Jaka (intervjuvanec). Obnova nekdanjega servitskega samostana : prispevek v Poročilih, RTV Slovenija, 5. september 2022. https://www.rtvslo.si/rtv365/arhiv/174897016?s=mmc. [COBISS.SI-ID 136887043]
kategorija: SU (S)
točke: 1, št. avtorjev: 1/2

221. **PRELOVŠEK NIEMELÄ, Eva** (intervjuvanec). Prenova Servitskega samostana v Kopru : prispevek v Poročilih, RTV Slovenija, 17. december 2022. https://www.rtvslo.si/rtv365/arhiv/174922543?s=tv. [COBISS.SI-ID 136887555]
kategorija: SU (S)
točke: 2, št. avtorjev: 1/1

222. **SANDAK, Jakub Michal** (intervjuvanec). Triptih iz 16. stoletja? : prispevek v oddaji Primorska kronika, RTV Slovenija, 24. marec 2022. https://www.rtvslo.si/rtv365/arhiv/174859139?s=tv. [COBISS.SI-ID 136681987]
kategorija: SU (S)
točke: 2, št. avtorjev: 1/1

223. **PRELOVŠEK NIEMELÄ, Eva** (intervjuvanec). Z gradbenimi deli bodo kmalu nadaljevali : prispevek v Primorski kroniki, RTV Slovenija, 12. december 2022. https://www.rtvslo.si/rtv365/arhiv/174921200?s=tv. [COBISS.SI-ID 136887811]
kategorija: SU (S)
točke: 2, št. avtorjev: 1/1

Exhibition / Razstava

224. ČEBRON LIPOVEC, Neža (avtor razstave), **MAVRIČ, Tim** (avtor razstave). Mali trg za vogalom, La piazzetta dietro l'angolo, razstava v Mali loži (Koper), 9. - 29. 11. 2022 : razstava, posvečena "Trgu pri Atriju% oz. Giardinettu. [COBISS.SI-ID 133667075]
kategorija: SU (S)
točke: 2.5, št. avtorjev: 1/2

Invited Lecture at Foreign University / Predavanje na tuji univerzi

225. **DEVALLANCE, David Brian**. Bio-based carbon sensor research : lecture at University of Zagreb, Faculty of Forestry and Wood Technology, 14. February 2022. [COBISS.SI-ID 120099587]
kategorija: SU (S)
točke: 2, št. avtorjev: 1/1

226. **SCHWARZKOPF, Matthew**. InnoRenew CoE : fundamentals to applications : Karadeniz Technical University, Turkey, 25th May, 2022. [COBISS.SI-ID 112102659]
kategorija: SU (S)
točke: 2, št. avtorjev: 1/1

227. **DEVALLANCE, David Brian**. InnoRenew CoE%s overview, research and innovation activities, and current research projects in the context of sustainable and healthy built environments : lecture at Università Politecnica delle Marche UnivPM, Department of Materials, Environmental Sciences and Urban Planning on March 15, 2022. [COBISS.SI-ID 120100867]
kategorija: SU (S)
točke: 2, št. avtorjev: 1/1

228. **BURNARD, Michael David**. InnoRenew, CoE, overview, research, and our building : lecture at University of Helsinki, Hyytiälä Forest Research Station, April 19th, 2022. [COBISS.SI-ID 118827011]
kategorija: SU (S)
točke: 2, št. avtorjev: 1/1

229. **BURNARD, Michael David**. InnoRenew, CoE, overview, research, and outreach : links for collaboration with UH : lecture at University of Helsinki, Agriculture and Forestry, June 2nd, 2022. [COBISS.SI-ID 118827267]
kategorija: SU (S)
točke: 2, št. avtorjev: 1/1

230. **SCHWARZKOPF, Matthew**. Interdisciplinarity research highlights : agrofood by-product utilization and wood densification : Karadeniz Technical University, Turkey, 25th May, 2022. [COBISS.SI-ID 112102403]
kategorija: SU (S)
točke: 2, št. avtorjev: 1/1

231. **DEVALLANCE, David Brian**. Massive timber construction techniques : lecture at PennState University, Department of Architecture, on March 24, 2022. [COBISS.SI-ID 120103427]
kategorija: SU (S)
točke: 2, št. avtorjev: 1/1

Unpublished Conference Contribution / Prispevek na konferenci brez natisa

232. KUTNAR, Andreja. Osnivanje i uloga Instituta InnoRenew CoE, Isola, Slovenija : presented at Konferencija %Drvo u graditeljstvu%, HUP udruge drvne i papirne industrije, 08.02.2022,10:30 sati, hotel Ambasador, Opatija. [COBISS.SI-ID 112666115]
kategorija: SU (S)
točke: 1, št. avtorjev: 1/1

233. ZOUARI, Mariem, MARROT, Laetitia Sarah Jennifer, MEILE, Kristine, HERRERA DIAZ, Rene Alexander. Valorization of liquid by-products from hemp carbonization : predavanje na International Conference for Young Scientists on Biorefinery Technologies and Products, Riga, April 27-29, 2022 Latvian State Institute of Wood Chemistry. [COBISS.SI-ID 112816643]
kategorija: SU (S)
točke: 0.75, št. avtorjev: 3/4

234. KUTNAR, Andreja. Viscoelastic behavior of modified wood : lecture at The 2022 World Wood Day Online Symposium and The Fourth IUFRO Forest Products Culture Colloquium, 21-22 March. [COBISS.SI-ID 105289219]
kategorija: SU (S)
točke: 1, št. avtorjev: 1/1

Unpublished Invited Conference Lecture / Vabljeno predavanje na konferenci brez natisa

235. MRISSA, Michael Nicolas. Autonomic edge computing for air quality monitoring : keynote speaker at 2nd International Workshop on Big data driven Edge Cloud Services (BECS 2022) Co-located with the 22nd International Conference on Web Engineering (ICWE 2022), July 5-8, 2022, Bari, Italy. https://becs.kaist.ac.kr/iwbecs2022/. [COBISS.SI-ID 115728643]
kategorija: SU (S)
točke: 1, št. avtorjev: 1/1

236. SANDAK, Anna Malgorzata. Bioinspired materials, innovative coatings, engineered living materials : a novel approach to achieve sustainability of materials : invited lecture at Fire safety & Sustainability at a crossroads: how do we find a joint way forward, 23-24 June 2022, ZAG Fire Laboratory, Logatec, Slovenia. [COBISS.SI-ID 136888579]
kategorija: SU (S)
točke: 1, št. avtorjev: 1/1

237. KUTNAR, Andreja. Critical appraisal of building materials : invited speaker at Working group on reconstructing the future for people and planet, 9-10 june 2022, Vatican city. https://www.pas.va/content/dam/casinapioiv/pas/pdf-booklet/booklet_bauhaus.pdf. [COBISS.SI-ID 123179523]
kategorija: SU (S)
točke: 1, št. avtorjev: 1/1

238. KUTNAR, Andreja. The importance of the European teaming club : keynote speech at 1st European teaming conference with the participation of centers of excellence (CoE). [COBISS.SI-ID 126920195]
kategorija: SU (S)
točke: 1, št. avtorjev: 1/1

239. ŠUŠTERŠIČ, Iztok. LCA of wooden buildings : how is fire accounted for? : invited lecture at Fire safety & Sustainability at a crossroads: how do we find a joint way forward, 23-24 June 2022, ZAG Fire Laboratory, Logatec, Slovenia. [COBISS.SI-ID 136889091]
kategorija: SU (S)
točke: 1, št. avtorjev: 1/1

240. KUTNAR, Andreja. Ohranjanje kulturne dediščine z načeli Novega evropskega Bauhausa : povabljena govorka na srečanju Obnova Servitskega samostana na stičišču umetnosti, kulture, socialne vključenosti, znanosti in tehnologije, posvet Kulturna dediščina v razvojnih programih 2021-2027, 14. februarja 2022, ob 10. uri, dvorana Državnega sveta Republike Slovenije, Šubičeva 4, Ljubljana, organizator Komisija Državnega sveta za kulturo, znanost, šolstvo in šport in Komisija Državnega sveta za gospodarstvo, obrt, turizem in finance. [COBISS.SI-ID 99183619]
kategorija: SU (S)
točke: 1, št. avtorjev: 1/1

Unpublished Invited Conference Lecture / Vabljeno predavanje na konferenci brez natisa

241. KUTNAR, Andreja. Sustainability part I : panel industry can become a key player in sustainable buildings : invited lecture at %Beyond Matterhorn- turning current challenges into opportunities for the next decade% SWISS KRONO GROUP-6th Management Conference 2022. [COBISS.SI-ID 136647683]
kategorija: SU (S)
točke: 1, št. avtorjev: 1/1

242. KUTNAR, Andreja. Sustainable timber buildings from New European Bauhaus to Wood4Bauhaus and best practices of InnoRenew CoE : invited lecture at Konferencija za arhitekte %Novi europski Bauhaus%, četvrtak 24. i petak 25.11.2022, Rovinj. https://www.design-district.net/konferencija-za-arhitekte/. [COBISS.SI-ID 136457475]
kategorija: SU (S)
točke: 1, št. avtorjev: 1/1

243. KUTNAR, Andreja. Wood for healthy living environment : vabljeno predavanje na Slovenian%Bavarian Summer School Materials for Energy and Environmental, Ljubljana, 18%21 September 2022. https://materenenv.fkkt.uni-lj.si/program/. [COBISS.SI-ID 123179267]
kategorija: SU (S)
točke: 1, št. avtorjev: 1/1

244. KUTNAR, Andreja. Wood modification methods to support sustainability : invited lecture at Fire safety & Sustainability at a crossroads: how do we find a joint way forward, 23-24 June 2022, ZAG Fire Laboratory, Logatec, Slovenia. [COBISS.SI-ID 136888835]
kategorija: SU (S)
točke: 1, št. avtorjev: 1/1

Editor / Urednik

245. Applied sciences. GAVRIĆ, Igor (področni urednik 2021-), ŠUŠTERŠIČ, Iztok (področni urednik 2021-). Basel: MDPI, 2011-. ISSN 2076-3417. https://www.mdpi.com/journal/applsci. [COBISS.SI-ID 522979353]
kategorija: 2G (Z)
točke: 40

246. Buildings. GAVRIĆ, Igor (urednik 2017, 2020-). [Online ed.]. Basel: Molecular Diversity Preservation International, 2011-. ISSN 2075-5309. [COBISS.SI-ID 1024478292]
kategorija: 2G (Z)
točke: 20

247. Chemosensors. SANDAK, Anna Malgorzata (član uredniškega odbora 2020-). Basel: MDPI AG, 2013-. ISSN 2227-9040. [COBISS.SI-ID 523028761]
kategorija: 2G (Z)
točke: 20

248. Coatings. SANDAK, Anna Malgorzata (član uredniškega odbora 2021-), SANDAK, Jakub Michal (član uredniškega odbora 2021-), HERRERA DIAZ, Rene Alexander (gostujoči urednik 2022). Basel: MDPI AG, 2011-. ISSN 2079-6412. http://www.mdpi.com/journal/coatings. [COBISS.SI-ID 523035673]
kategorija: 2G (Z)
točke: 60

249. Drvna industrija : Znanstveno stručni časopis za pitanja drvne tehnologije. SANDAK, Jakub Michal (član uredniškega odbora 2017-). Zagreb: Šumarski fakultet Sveučilišta u Zagrebu: Hrvatsko šumarsko društvo: Croatiadrvo, d. d.: Exportdrvo, p. o., 1950-. ISSN 0012-6772. [COBISS.SI-ID 2858754]
kategorija: 2G (Z)
točke: 20

250. European Journal of Translational Myology. **ŠARABON, Nejc** (član uredniškega odbora 2020-). Padova: Unipress, 2010-. ISSN 2037-7460. http://www.bio.unipd.it/bam/. [COBISS.SI-ID 1864147]
kategorija: 2G (Z)
točke: 20

251. European Journal of Translational Myology. **ŠARABON, Nejc** (član uredniškega odbora 2020-). Padova: Unipress, 2010-. ISSN 2037-7460. http://www.bio.unipd.it/bam/. [COBISS.SI-ID 1864147]
kategorija: 2G (Z)
točke: 20

252. Forests. **HERRERA DIAZ, Rene Alexander** (gostujoči urednik 2022). [Online ed.]. Basel: MDPI, 2010-. ISSN 1999-4907. http://www.mdpi.com/journal/forests. [COBISS.SI-ID 3872166]
kategorija: 2G (Z)
točke: 20

253. Frontiers in human neuroscience. **ŠARABON, Nejc** (član uredniškega odbora 2017-). Lausanne: Frontiers Research Foundation, 2008-. ISSN 1662-5161. https://www.frontiersin.org/journals/human-neuroscience. [COBISS.SI-ID 49074786]
kategorija: 2G (Z)
točke: 20

254. InnoRenew CoE newsletter. **SIMMONS, Amy Noel** (glavni urednik 2017-). Izola: InnoRenew CoE, 2017-. ISSN 2738-4942. https://zenodo.org/communities/innorenew/search?page=1&size=20&q=newsletter. [COBISS.SI-ID 42013443]
kategorija: SU (S)
točke: 10

255. Interdisciplinary perspectives on the built environment. **KUTNAR, Andreja** (odgovorni urednik 2020-), **BURNARD, Michael David** (glavni urednik 2020-, področni urednik 2020-), **DEVALLANCE, David Brian** (področni urednik 2020-), **KRÉSZ, Miklós Ferenz** (področni urednik 2020-), **SANDAK, Anna Malgorzata** (področni urednik 2020-), **SANDAK, Jakub Michal** (področni urednik 2020-), **SLAVEC, Ana** (področni urednik 2020-), **ŠUŠTERŠIČ, Iztok** (področni urednik 2020-). Izola: InnoRenew CoE, 2020-. ISSN 2738-5418. https://ipbe.innorenew.eu/ipbe. [COBISS.SI-ID 45930243]
kategorija: SU (S)
točke: 10

256. Journal of sports science. **ŠARABON, Nejc** (član uredniškega odbora 2013-). El Monte, CA: David Publishing Company, 2013-. ISSN 2332-7839. http://www.davidpublishing.org/. [COBISS.SI-ID 1536612804]
kategorija: SU (S)
točke: 10

257. Journal of Sports Science and Medicine : free electronic journal. **ŠARABON, Nejc** (član uredniškega odbora 2021-). [Online ed.]. Bursa: Medical Faculty of Uludag University, 2002-. ISSN 1303-2968. http://www.jssm.org. [COBISS.SI-ID 2667185]
kategorija: 2G (Z)
točke: 20

258. Maderas. Ciencia y tecnología. **HERRERA DIAZ, Rene Alexander** (urednik 2022-). Concepción: Universidad del Bío-Bío. ISSN 0717-3644. [COBISS.SI-ID 513985305]
kategorija: 2G (Z)
točke: 20

259. Mathematics. **KRÉSZ, Miklós Ferenz** (gostujoči urednik 2022). Basel: MDPI AG, 2013-. ISSN 2227-7390. http://www.mdpi.com/journal/mathematics. [COBISS.SI-ID 523267865]
kategorija: 2G (Z)
točke: 20

260. Montenegrin journal of sports science and medicine. **ŠARABON, Nejc** (član uredniškega odbora 2012-). Podgorica: Crnogorska sportska akademija. ISSN 1800-8763. http://www.mjssm.me. [COBISS.SI-ID 2327251]
kategorija: 2G (Z)
točke: 20

261. Occupational therapy international. **ŠARABON, Nejc** (gostujoči urednik 2017-). London: Whurr. ISSN 0966-7903. [COBISS.SI-ID 1589013]
kategorija: 2G (Z)
točke: 20

262. Polymers. **HERRERA DIAZ, Rene Alexander** (gostujoči urednik 2022). Basel: Molecular Diversity Preservation International, 2009-. ISSN 2073-4360. http://www.mdpi.com/journal/polymers/. [COBISS.SI-ID 517951257]
kategorija: 2G (Z)
točke: 20

263. Symmetry. **KRÉSZ, Miklós Ferenz** (član uredniškega odbora 2021-). Basel: Molecular Diversity Preservation International, 2009-. ISSN 2073-8994. http://www.mdpi.com/journal/symmetry. [COBISS.SI-ID 517592345]
kategorija: 2G (Z)
točke: 20

264. Wood and fiber science. **KUTNAR, Andreja** (član uredniškega odbora 2016-). Lawrence, Kan.: The Society. ISSN 0735-6161. [COBISS.SI-ID 26637312]
kategorija: 2G (Z)
točke: 20

265. Wood Material Science & Engineering. **KUTNAR, Andreja** (glavni urednik 2017-). Abingdon: Taylor & Francis. ISSN 1748-0272. http://www.tandfonline.com/toc/swoo20/current. [COBISS.SI-ID 1414025]
kategorija: 2F (Z)
točke: 40

266. Wood Material Science & Engineering. **SANDAK, Anna Malgorzata** (član uredniškega odbora 2017-). Abingdon: Taylor & Francis. ISSN 1748-0272. http://www.tandfonline.com/toc/swoo20/current. [COBISS.SI-ID 1414025]
kategorija: 2G (Z)
točke: 20

267. **SANDAK, Anna Malgorzata** (urednik), **SAJINČIČ, Nežka** (urednik),**FABIAN, Gertrud** (urednik), PÉREZ-MARIN, Lola (urednik). 1st SensorFINT International Conference : Non-destructive spectral sensors advances and future trends : 10-12 May 2022 Izola, Slovenia : book of abstracts. Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press, cop. 2022. 1 spletni vir (1 datoteka PDF ([88] str.)), ilustr. ISBN 978-961-293-153-7. ISBN 978-961-293-154-4. https://www.hippocampus.si/ISBN/978-961-293-153-7.pdf, https://www.hippocampus.si/ISBN/978-961-293-154-4/index.html, doi: 10.26493/978-961-293-153-7. [COBISS.SI-ID 108028931]
kategorija: SU (S)
točke: 0, št. avtorjev: 2/4

268. **SANDAK, Anna Malgorzata** (urednik), **SAJINČIČ, Nežka** (urednik), CASALE, Monica (urednik), 9th National Symposium of the Italian Society for Near Infrared Spectroscopy (SISNIR), 7-9 June 2022 Izola, Slovenia. Book of abstracts : NIR Italia 2022 : 7-9 June 2022 [Izola, Slovenia] : beyond spectral range. Izola: InnoRenew CoE, 2022. 1 spletni vir (1 datoteka PDF (87 str.)). ISBN 978-889-41153-3-8. https://niritalia2022.sisnir.org/?page_id=444&lang=en. [COBISS.SI-ID 127655683]
kategorija: SU (S)
točke: 0, št. avtorjev: 2/3

269. BAKAEV, Maxim (urednik), KO, In-Young (urednik), **MRISSA, Michael Nicolas** (urednik). ICWE 2021 Workshops : ICWE 2021 International Workshops, BECS and Invited Papers, Biarritz, France, May 18%21, 2021, Revised Selected Papers, (Communications in Computer and Information Science, 1508). Cham: Springer, 2022. 1 spletni vir (1 datoteka PDF (XI, 99 str.)), ilustr. ISBN 978-3-030-92230-6. ISBN 978-3-030-92231-3. https://link.springer.com/book/10.1007/978-3-030-92231-3, https://doi.org/10.1007/978-3-030-92231-3, doi: 10.1007/978-3-030-92231-3. [COBISS.SI-ID 103199235]
kategorija: 2F (Z)
točke: 13.33, št. avtorjev: 1/3

270. **PRIMOŽIČ, Lea** (urednik),**FABIAN, Gertrud** (urednik). IRIC 2022 : Rethinking Buildings and Materials for a Sustainable Future : book of abstracts : 17-18 November 2022, Izola, Slovenia, (InnoRenew CoE International Conference series). Electronic ed. Izola: Innorenew CoE; Koper: University of Primorska Press, 2022. 1 spletni vir (1 datoteka PDF (29 str.)). ISBN 978-961-293-193-3. ISBN 978-961-293-194-0. https://www.hippocampus.si/ISBN/978-961-293-193-3.pdf, https://www.hippocampus.si/ISBN/978-961-293-194-0/index.html, doi: 10.26493/978-961-293-193-3. [COBISS.SI-ID 128390147]
kategorija: SU (S)
točke: 0, št. avtorjev: 1/2

Mentor for doctoral dissertations / Mentor pri doktorskih disertacijah

271. MANOJLOVIĆ, Denisa. Optimization of exercise therapy for patellofemoral pain : doctoral thesis. Izola: [D. Manojlović], 2022. VII f., 97, [12] str., ilustr. [COBISS.SI-ID 124255235]
kategorija: SU (S)
točke: 5

272. ASLAM, Sidra. Zasebnost in varnost podatkov za decentralizirani splet stvari = Decentralized data privacy and security for the Web of things : doktorska disertacija : doctoral dissertation. Koper: [S. Aslam], 2022. VII, 120 str., pril., ilustr. https://www.famnit.upr.si/sl/studij/zakljucna_dela/view/1056. [COBISS.SI-ID 113826819]
kategorija: SU (S)
točke: 5

Mentor for doctoral dissertations (Bologna Process) / Mentor pri doktorskih disertacijah (bolonjski študij)

273. MANOJLOVIĆ, Denisa. Optimization of exercise therapy for patellofemoral pain : doctoral thesis. Izola: [D. Manojlović], 2022. 1 spletni vir (1 datoteka PDF (VII, 91 str., [13] f. pril.)), ilustr. https://repozitorij.upr.si/Dokument.php?id=27024. [COBISS.SI-ID 119833347]
kategorija: SU (S)
točke: 5

274. LIPOVAC, Dean. Preference ljudi do lesnih materialov in vloga le-teh v restorativnih okoljih : doktorska disertacija = Human preference for wooden materials and their role in restorative environments : doctoral dissertation. Koper: [D. Lipovac], 2022. [V], 139 str., ilustr. https://www.famnit.upr.si/sl/studij/zakljucna_dela/view/1142. [COBISS.SI-ID 129775107]
kategorija: SU (S)
točke: 5

Mentor for master's theses (Bologna Process) / Mentor pri magistrskih delih (bolonjski študij)

275. VRTAR, Karin. Baterije testov za ergonomsko vrednotenje ustreznosti stolov : magistrska naloga. Izola: [K. Vrtar], 2022. 1 spletni vir (1 datoteka PDF (VIII, 65 str., [12] str. pril.)), ilustr. https://repozitorij.upr.si/Dokument.php?id=27297. [COBISS.SI-ID 124981251]
kategorija: SU (S)
točke: 3

276. MATKO, Špela. Gibalni profil pacienta po popolni zamenjavi kolenskega ali kolčnega sklopa ob nastopu klinične rehabilitacije : magistrska naloga. Izola: [Š. Matko], 2022. 1 spletni vir (1 datoteka PDF (VII, 38 str.)), ilustr. https://repozitorij.upr.si/Dokument.php?id=27407. [COBISS.SI-ID 127468803]
kategorija: SU (S)
točke: 3

277. KOZLOVIČ, Peter. Izdelava modela 3-dimenzionalne obremenitve kolena med kolesarjenjem in njegova praktična uporaba : magistrska naloga. Izola: [P. Kozlovič], 2022. 1 spletni vir (1 datoteka PDF (V, 32 str.)), ilustr. https://repozitorij.upr.si/Dokument.php?id=26949. [COBISS.SI-ID 118373123]
kategorija: SU (S)
točke: 3

278. KAVKA, Urban. Od zapuščene tovarne smodnika do kulturnega prizorišča % potencial Kreativne četrti Barutana skozi akustično sanacijo za prilagodljivo namembnost prostora : magistrsko delo = From abandoned gunpowder factory to cultural venue % potential of Kreativna četrt Barutana through acoustic renovation for changeable scenery. Koper: [U. Kavka], 2022. XII, 93 str., ilustr. https://www.famnit.upr.si/sl/studij/zakljucna_dela/view/1101. [COBISS.SI-ID 121686275]
kategorija: SU (S)
točke: 3

Mentor for master's theses (Bologna Process) / Mentor pri magistrskih delih (bolonjski študij)

279. PLEŠA, Jernej. Povezanost izbranih biomehanskih spremenljivk z uspešnostjo pri navpičnem skoku, pospeševanju in spremembah smeri v odbojki : magistrska naloga. Izola: [J. Pleša], 2022. 1 spletni vir (1 datoteka PDF (V, 44 str.)). https://repozitorij.upr.si/IzpisGradiva.php?id=18586. [COBISS.SI-ID 118412803]
kategorija: SU (S)
točke: 3

280. KEJŽAR, Luka. Referenčne vrednosti jakosti gležnja : sistematičen pregled literature in podatki slovenskih športnikov : magistrska naloga. Izola: [L. Kejžar], 2022. 1 spletni vir (1 datoteka PDF (VI, 47 str.)), ilustr. https://repozitorij.upr.si/Dokument.php?id=27264. [COBISS.SI-ID 123194883]
kategorija: SU (S)
točke: 3

281. BALDOUSKI, Daniil. The role of visualization and data analysis in blockchain networks : master's thesis = Vloga vizualizacije in analize podatkov v tehnologiji veriženja blokov : magistrsko delo. Koper: [D. Baldouski], 2022. IX, 42 str., pril., ilustr. https://www.famnit.upr.si/sl/studij/zakljucna_dela/view/1094. [COBISS.SI-ID 125453571]
kategorija: SU (S)
točke: 3

282. POGLAJEN, Saša. Vpliv različic kolesarjenja med sedečim delom na telesno držo in delovno učinkovitost : magistrsko delo. Ljubljana: [S. Poglajen], 2022. 65 str., ilustr. https://repozitorij.uni-lj.si/IzpisGradiva.php?id=135657. [COBISS.SI-ID 105583619]
kategorija: SU (S)
točke: 3

283. POGLAJEN, Saša. Vpliv različic kolesarjenja med sedečim delom na telesno držo in delovno učinkovitost : magistrsko delo. Ljubljana: [S. Poglajen], 2022. 65 str., ilustr. https://repozitorij.uni-lj.si/IzpisGradiva.php?id=135657. [COBISS.SI-ID 105583619]
kategorija: SU (S)
točke: 3

Doctoral dissertation co-supervisor (Bologna Process) / Somentor pri doktorskih disertacijah (bolonjski študij)

284. TOŠIĆ, Aleksandar. Empirična študija uporabe tehnologije veriženja blokov v obstoječih sistemih in arhitekturah : doktorska disertacija = Tradeoffs in using blockchain technology for security, privacy, and decentralization: theoretical and empirical perspectives : doctoral thesis. Koper: [A. Tošić], 2022. [V], 99 str., pril., ilustr. https://www.famnit.upr.si/sl/studij/zakljucna_dela/view/1113. [COBISS.SI-ID 122661635]
kategorija: SU (S)
točke: 4

Master's theses co-supervisor (Bologna Process) / Somentor pri magistrskih delih (bolonjski študij)

285. VRTAR, Karin. Baterije testov za ergonomsko vrednotenje ustreznosti stolov : magistrska naloga. Izola: [K. Vrtar], 2022. 1 spletni vir (1 datoteka PDF (VIII, 65 str., [12] str. pril.)), ilustr. https://repozitorij.upr.si/Dokument.php?id=27297. [COBISS.SI-ID 124981251]
kategorija: SU (S)
točke: 1

286. BLAŽEVIĆ, Nicole. Evaluation of LNPs as an emulsion stabilizer in Pickering emulsions for cosmetic applications : master's thesis. Maribor: [N. Blažević], 2022. 1 spletni vir (1 datoteka PDF (XII, 77 f.)). https://dk.um.si/IzpisGradiva.php?id=82249. [COBISS.SI-ID 120508163]
kategorija: SU (S)
točke: 1

Master's theses co-supervisor (Bologna Process) / Mentor pri magistrskih delih (bolonjski študij)

287. KUPČIČ, Tanita. Fenolne spojine v lubju in odpadni vodi lesne industrije = Phenol compounds in bark and wastewater of the wood industry : magistrsko delo. Koper: [T. Kupčič], 2022. X, 68 str., pril., ilustr. https://www.famnit.upr.si/sl/studij/zakljucna_dela/view/1045. [COBISS.SI-ID 99512579]
kategorija: SU (S)
točke: 1

288. GVOZDEN, Aleksandar. Primerjava učinkovitosti gibalne terapije in artroskopske operacije na zdravljene femuroacetabularne utesnitve : magistrska naloga. Izola: [A. Gvozden], 2022. 1 spletni vir (1 datoteka PDF (VI, 47 str.)). https://repozitorij.upr.si/Dokument.php?id=27325. [COBISS.SI-ID 124867587]
kategorija: SU (S)
točke: 1

289. BALDOUSKI, Daniil. The role of visualization and data analysis in blockchain networks : master's thesis = Vloga vizualizacije in analize podatkov v tehnologiji veriženja blokov : magistrsko delo. Koper: [D. Baldouski], 2022. IX, 42 str., pril., ilustr. https://www.famnit.upr.si/sl/studij/zakljucna_dela/view/1094. [COBISS.SI-ID 125453571]
kategorija: SU (S)
točke: 1

290. PIRNAT, Denis. Vpliv hrupa ozadja na govorno razumljivost v visokošolskih predavalnicah : magistrsko delo št.: 57/II.ST = The effect of background noise on speech intelligibility in higher education lecture rooms : master thesis no.: 57/II. ST. Ljubljana: [D. Pirnat], 2022. XVI, 72 str., [5] str. pril., ilustr. https://repozitorij.uni-lj.si/IzpisGradiva.php?id=141490. [COBISS.SI-ID 132271363]
kategorija: SU (S)
točke: 1

Bachelor's theses co-supervisor (Bologna Process) / Somentor pri diplomskih delih (bolonjski študij 1. stopnje)

291. SUBAN, Jani. Izdelava statističnega strojnega prevajalnika iz italijanščine v slovenščino : zaključna naloga = Implementation of statistical machine translation from Italian into Slovenian. Koper: [J. Suban], 2022. XI, 47 str., ilustr. https://www.famnit.upr.si/sl/studij/zakljucna_dela/view/1119. [COBISS.SI-ID 122402563]
kategorija: SU (S)
točke: 0.5

292. POLIČAR, Klemen Janez. Preslepitev sistemov za zaznavanje goljufanja z zlorabo aplikacij tretjih oseb z omrežno usmerjenim razvojem = Exploiting third-party software to bypass anti-cheat detection systems through network-driven development : zaključna naloga : final project paper. Koper: [K. Janez Poličar], 2022. IX, 33 str., ilustr. https://www.famnit.upr.si/sl/studij/zakljucna_dela/view/1067. [COBISS.SI-ID 119547139]
kategorija: SU (S)
točke: 0.5

293. DELJANIN, Petar. Razvoj genskega algoritma za optimizacijo topologije prometnega omrežja z uporabo simulatorja na podlagi agentov : zaključna naloga = Developing a genetic algorithm for optimizing traffic network topologies by using an agent-based simulator : final project paper. Koper: [P. Deljanin], 2022. VI, 28 str., ilustr. https://www.famnit.upr.si/sl/studij/zakljucna_dela/view/1096. [COBISS.SI-ID 121629955]
kategorija: SU (S)
točke: 0.5

294. MATOŠEVIĆ, Patrik. Razvoj simulatorja na podlagi agentov za optimizacijo topologije prometnega omrežja z uporabo genskega algoritma : zaključna naloga = Developing an agent-based simulator for optimising traffic network topology by applying a genetic algorithm : final project paper. Koper: [P. Matošević], 2022. VIII, 32 str., ilustr. https://www.famnit.upr.si/sl/studij/zakljucna_dela/view/1106. [COBISS.SI-ID 121882627]
kategorija: SU (S)
točke: 0.5

295. VESELKO, Pilar. Vpliv telesne dejavnosti na simptome in znake, povezane z astmo : pregled sistematičnih preglednih člankov : diplomska naloga. Izola: [P. Veselko], 2022. 1 spletni vir (1 datoteka PDF (VI, 50 str., [5] f. pril.)). https://repozitorij.upr.si/Dokument.php?id=27040. [COBISS.SI-ID 119940611]
kategorija: SU (S)
točke: 0.5

Revenue

InnoRenew CoE revenues totaled €4,919,163 in 2022. Of this, 31.3 percent was from the European Union's (EU) Horizon 2020 Framework Programme (H2020 Widespread-2- Teaming: #739574), 35.7 percent was from the Republic of Slovenia (investment funding from the Republic of Slovenia and the EU's European Regional Development Fund), 13 percent was from EU projects, 8.1 percent was earned from market services, 8.4 percent was from national projects, and 3.5 percent was from international projects.

Investment into infrastructure was €4,055,954.

Prihodki

V letu 2022 je imel InnoRenew CoE 4.919.163 evrov prihodkov. Od tega je 31,3 odstotka prihodkov od okvirnega programa Evropske Unije Obzorje 2020 (H2020WIDESPREAD-2-Teaming; #739574), 35,7 odstotka od Republike Slovenije (Financiranje naložb Republike Slovenije in Evropske unije v okviru Evropskega sklada za regionalni razvoj), 13 odstotkov od pridobljenih evropskih projektov, 8,1 odstotka od izvajanja storitev na trgu, 8,4 odstotka od nacionalnih projektov, in 3,5 odstotka od drugih mednarodnih projektov.

Za investicijo v infrastrukturo je InnoRenew CoE leta 2022 namenil 4.055.954 evrov.

Name / Naziv:	InnoRenew CoE Renewable Materials and Healthy Environments Research and Innovation Centre of Excellence InnoRenew CoE Center odličnosti za raziskave in inovacije na področju obnovljivih materialov in zdravega bivanjskega okolja
Address / Naslov:	Livade 6a, 6310 Izola/Isola, Slovenia Livade 6a, 6310 Izola, Slovenija
Contact / Kontakt:	+ (386) 40 282 944 coe@innorenew.eu www.innorenew.eu
SI registration number / Matična številka:	7233817000
Tax number / Davčna številka:	SI65332547
Research activity code / Šifra dejavnosti:	M72.110 - Research and experimental development on biotechnology M72.110 – Raziskovalna in razvojna dejavnost na področju biotehnologije
Bank / Poslovna banka:	NLB d.d.
ARRS number / Številka raziskovalne organizacije v ARRS:	3770
ARRS research group number / Številka raziskovalne skupine InnoRenew CoE v ARRS:	3770-001

Publisher / Založil
InnoRenew CoE, Livade 6a, 6310 Izola, Slovenia

Edited / Uredila
Lea Primožič

Designed / Oblikovala
Gertrud Fábián

COPYRIGHT

InnoRenew CoE is built on a foundation of strong collaboration and support between its partners.

University of Maribor (UM)
Fraunhofer Institute for Wood Research, Wilhelm-Klauditz-Institut WKI (Fraunhofer WKI)
Regional Development Agency of the Ljubljana Urban Region (RRA LUR)
Pulp and Paper Institute (ICP)
Slovenian National Building and Civil Engineering Institute (ZAG)
Institute for the Protection of Cultural Heritage of Slovenia (ZVKDS)
National Institute of Public Health (NIJZ)
Zavod eOblak
University of Primorska (UP)
InnoRenew CoE

InnoRenew CoE je zgrajen na podlagi trdnega sodelovanja med ustanovnimi partnerji in podpore projektnih partnerjev.

Univerza v Mariboru (UM)
Inštitut Fraunhofer Wilhelm-Klauditz (Fraunhofer WKI)
Regionalna razvojna agencija Ljubljanske urbane regije (RRA LUR)
Inštitut za celulozo in papir (ICP)
Zavod za gradbeništvo Slovenije (ZAG)
Javni zavod Republike Slovenije za varstvo kulturne dediščine (ZVKDS)
Nacionalni inštitut za javno zdravje (NIJZ)
Zavod eOblak
Univerza na Primorskem (UP)
InnoRenew CoE