THE INNORENEW COE
INTERNATIONAL CONFERENCE
2026

5-6 November 2026 | Izola, Slovenia

IRIC 2026

AGENDA

THURSDAY
5 NOVEMBER 2026

8:15 - 8:45	**Registration with coffee**
8:45 - 8:50	**Welcome** **Andreja Kutnar** - InnoRenew CoE, UP IAM & UP FAMNIT, University of Primorska, Slovenia - Department Chair

Materials 1
Session chair: Edit Földvári-Nagy

8:50 - 09:02	**Mild Stress, Stronger Materials: Preconditioning Engineered Living Materials for Climate Resilience** Valentina Hribljan - InnoRenew CoE, UP IAM, University of Primorska, Slovenia
09:02 - 09:14	**Smashing Desks for Science. Impact Testing and Classification of Engineered Timber Protective Desks for Earthquake-Induced Building Collapse** Marco Fellin - National Research Council of Italy, Institute of BioEconomy (CNR IBE), Italy
09:14 - 09:26	**Advanced Spatial Mapping of Wood Characteristics in Pinus sylvestris** Edit Földvári-Nagy - InnoRenew CoE, UP IAM, University of Primorska, Slovenia
09:26 - 09:38	**Effect of Starch Concentration on Aureobasidium pullulans Growth, Pigmentation, and Development on Different Wood Species Toward Engineered Living Materials** Ihab Malat - InnoRenew CoE, UP IAM, University of Primorska, Slovenia
09:38 - 09:50	**Wood for Sustainable Satellite Structures in Low Earth Orbit** Axel Solt-Rindler - Wood K plus, Austria
09:50 - 10:02	**From Climate Data to Material Climate Modelling: An Integrated Digital Construction Workflow** Richard Acquah - InnoRenew CoE, UP IAM & UP FAMNIT, University of Primorska, Slovenia

10:05 - 10:30 **Coffee break**

10:30 - 11:10 **Networking activity**

Michael Burnard - InnoRenew CoE, UP IAM & UP FAMNIT, University of Primorska, Slovenia
Deputy Department Chair

Materials 2

Session chair: Amina Selmanović

11:25 - 11:37 **Thermal Behavior of Merbau Wood Extractives Throughout Enzymatic Functionalization**
Amina Selmanović - InnoRenew CoE, UP IAM & UP FAMNIT, University of Primorska, Slovenia

11:37 - 11:49 **Combined Densification and Moderate-Temperature Thermal Modification to enhance Fungal Decay Resistance of Poplar Wood**
Lei Han - InnoRenew CoE, UP IAM & UP FAMNIT, University of Primorska, Slovenia

11:49 - 12:01 **Heat transport in PCM-impregnated poplar: effects of thermal treatment, specimen orientation and silica nanoparticles**
Dimitrios Skondras - University of Silesia, Poland

12:01 - 12:13 **Thermal treatment effects on PCM-impregnated poplar and beech for building thermal energy storage**
Argyrios Anagnostopoulos - University of Silesia, Poland

12:15 - 13:15 **Lunch (with coffee)**

13:15 - 14:15 **Keynote**

Gijs Bruggink
Wood & Wellbeing: the health benefits of timber architecture

THURSDAY
5 NOVEMBER 2026

Creativity & Society
Session chair: Špela Vrtovec

14:15 - 14:27	**Co-creating Energy Transition Pathways in Monument-Protected Urban Areas: Insights from a Citizen Science Project in Koper Old Town** Ana Slavec - InnoRenew CoE, UP IAM, University of Primorska, Slovenia
14:27 - 14:39	**Learning from positive deviance: What private forest owners reveal about long-term decision making** Anna Buxhofer - University of Graz, Austria
14:39 - 14:51	**Resilient Theatre: Participatory Construction in Lviv, Ukraine** Špela Vrtovec - InnoRenew CoE, UP IAM & UP FAMNIT, University of Primorska, Slovenia
14:51 - 15:03	**Understanding Long-term Housing Decisions: Homeowners' Values and Climate Choices in Austria and Slovenia** Romana Schweiger - University of Graz, Austria
15:05 - 15:35	**Coffee break**
15:35 - 16:35	**Skills workshop: Writing Research Questions and Hypotheses** Michael Burnard - InnoRenew CoE, UP IAM & UP FAMNIT, University of Primorska, Slovenia, Deputy Department Chair
16:35 - 16:40	**Closing day 1**
19:00	**Conference dinner**

AGENDA

FRIDAY
6 NOVEMBER 2026

8:00 - 8:30 **Registration with coffee**

8:30 - 8:35 **Introduction to the day**

Buildings
Session chair: Rok Prislan

08:35 - 08:47 **Demountable CLT–Concrete Composite Floor Systems**
Donya Bazyar Khoshroodi - InnoRenew CoE, UP IAM & UP FAMNIT, University of Primorska, Slovenia

08:47 - 08:59 **Framework For Converting Reclaimed Timber Beams Into Structural Timber Products**
Olga Srejić - InnoRenew CoE, UP IAM & UP FAMNIT, University of Primorska, Slovenia

08:59 - 09:11 **Can acoustic metamaterials embedded in CLT panels improve low-frequency sound absorption and acoustic comfort in timber buildings?**
Rok Prislan - InnoRenew CoE, UP IAM & UP FAMNIT, University of Primorska, Slovenia

Materials 3
Session chair: Laetitia Marrot

09:11 - 09:23 **Fire Performance of Scots Pine Wood Modified with a Bio-Based Fire Retardant**
Laetitia Marrot - ZAG, InnoRenew CoE, UP IAM & UP FAMNIT, University of Primorska, Slovenia

09:23 - 09:35 **From Forest to Building: Responsible Wood Sourcing and Supply Chain Traceability in Sustainable Construction**
Diego Florian - FSC Adria-Balkan, Italy

09:35 - 09:47 **From Nanoscale Structure to Long-Term Stability in Y6-Based Organic Solar Cells**
Devina Gupta - Central European Research Infrastructure Consortium, Italy

09:50 - 10:20 **Coffee break**

Health
Session chair: Julija Pavlin

10:20 - 10:32 **The impact of relaxing video games on stress**
Julija Pavlin - InnoRenew CoE, UP IAM & UP FAMNIT, University of Primorska, Slovenia

10:32 - 10:44 **Designing robust occupant wellbeing studies with simulation and piloting**
Michael Burnard - InnoRenew CoE, UP IAM & UP FAMNIT, University of Primorska, Slovenia

Materials 4
Session chair: Sumea Klokic

10:44 - 10:56 **Using UV and X-ray light to modify materials properties**
Benedetta Marmiroli - Institute of Inorganic Chemistry, Graz University of Technology, Austria

10:56 - 11:08 **From Structure to Function: Leveraging Synchrotron Science in Correlative Multi-Technique Studies of Responsive Materials**
Sumea Klokic - InnoRenew CoE, UP IAM, University of Primorska, Slovenia; Institute of Inorganic Chemistry, Graz University of Technology, Austria

11:08 - 11:20 **From Thin-Film Architecture to Function: Controlling Dynamics in Flexible MOFs for Environmental Sensing**
Eleonora Afanasenko - CERIC-ERIC, Italy

11:20 - 11:32 **Nanostructure-Dynamics seen by Coherent X-Ray Pulses**
Matthias Riepp - Institut Jean Lamour, Université de Lorraine, France ; Deutsches Elektronen-Synchrotron DESY, Germany; X-Spectrum GmbH, 22547 Hamburg, Germany

11:35 - 12:35 **Light lunch (with coffee)**

12:35 - 12:40 **Closing conference**

12:40 - 14:05 **Workshop - Unlocking the Potential of Lower-Quality Wood through Innovative Utilization Pathways**
Črtomir Tavzes - InnoRenew CoE, UP IAM & UP FAMNIT, University of Primorska, Slovenia

14:05 - 15:05 **InnoRenew building tour (optional)**

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https://innorenew.eu/iric2026/

2026 science month since 2016

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