



THIRTEENTH INTERNATIONAL SCIENTIFIC AND TECHNICAL CONFERENCE
INNOVATIONS IN FOREST INDUSTRY AND ENGINEERING DESIGN - INNO'2026
8-10 October 2026 | Park Hotel Vitosha | Sofia, Bulgaria
REVISED PRELIMINARY CONFERENCE PROGRAMME

Thursday, October 8, 2026

TIME	PROGRAMME
09:00-10:00	REGISTRATION OF PARTICIPANTS
10:00-10:30	OPENING REMARKS, Vitosha Hall Academic leadership, organizers, partners and supporters
10:30-13:00	PLENARY SESSION, Vitosha Hall
13:00-13:15	GROUP PHOTO OF ALL CONFERENCE PARTICIPANTS
13:15-14:15	LUNCH
14:15-15:30	SESSION 1: Science-Industry Panel Applied Research, Innovation and Technology Transfer, Vitosha Hall
15:30-16:00	COFFEE BREAK
16:00-17:00	SESSION 2: Wood Materials, Modification and Sustainable Composites, Vitosha Hall
17:00-18:00	ACADEMIC PUBLISHING WORKSHOP (MDPI): AI Use in Academic Publishing, Vitosha Hall
19:00	GALA DINNER, Park Hotel Vitosha Restaurant "Toscana"
10:00-10:30	OPENING REMARKS, Vitosha Hall Academic leadership, organizers, partners and supporters – Assoc. Prof. Dr Hristo Mihaylov (Rector of the University of Forestry); Prof. Dr Dimitar Angelski (Dean of the Faculty of Forest Industry)
10:30-13:00	PLENARY SESSION Vitosha Hall Chairperson: Prof. Dr Dimitar Angelski
1. EVALUATE FLAMMABILITY OF WOOD BY MULTIPLE SCALE TESTS - Prof. Dr Qiang Xu	
2. MECHANICAL AND HYGROSCOPIC PROPERTIES OF CASTANEA SATIVA WOOD ORIGINATED FROM HOLY MOUNTAIN OF GREECE - Georgios Ntalos; Andromachi Mitani; Dimitrios Koutsianitis; Konstantinos Ninikas; Paulos Ntalos; Kassiani Theodorakou	
3. AUXETICS, FROM WOOD AND FOR FURNITURE - Prof. Jerzy Smardzewski	
4. QUO VADIS WOOD TECHNOLOGY? - Prof. Tomasz Krystofiak	
5. ECODESIGN AND FURNITURE: CHALLENGES AND OPPORTUNITIES FOR THE EUROPEAN FURNITURE INDUSTRY - Prof. Dr Vassil Jivkov, Member of the Board of the European Furniture Industry Confederation (EFIC); Chairman of the Board of the Bulgarian Chamber of Woodworking and Furniture Industry (BCWFI)	

14:15-15:30 **SESSION 1: SCIENCE-INDUSTRY PANEL| APPLIED RESEARCH, INNOVATION AND TECHNOLOGY TRANSFER**
Vitosha Hall | Chairperson: Prof. Dr Viktor Savov

Panel with representatives of Welde Bulgaria, Kronospan Bulgaria, ECOTECHPRODUCT and JAF Bulgaria. The discussion will address applied research, technology transfer, cooperation between science, education and industry, joint projects, internships and the implementation of innovative solutions in the woodworking and furniture sectors.

A. APPLIED PRESENTATION AND WORKING DISCUSSION

IS THERE A BALKAN IDENTITY IN FURNITURE DESIGN? - Bistra Shishkova, Tzvetana Chipkova, Eli-Naya Konetsovska, Yana Lefterova

POTENTIAL OF WOOD IN THE ENERGY BALANCE OF BULGARIA - Tsvetelina Simeonova-Zarkin; Kalin Simeonov

B. COMPANY PRESENTATIONS

KRONOSPAN BULGARIA - Company presentation

ECOTECHPRODUCT - Applied technology presentation

MODERATED WORKING DISCUSSION - Applied research, joint projects, technology transfer, innovation and cooperation between science, education and industry

16:00-17:00 **SESSION 2: WOOD MATERIALS, MODIFICATION AND SUSTAINABLE COMPOSITES**
Vitosha Hall | Chairperson: Prof. Dr Qiang Xu

1. SURFACE LEVEL EFFECTS OF FOREST FIRE ON NORWAY SPRUCE AND SCOTS PINE WOOD: INSIGHTS FROM MICROINDENTATION - Sauradipta Ganguly; Luka Albreht; Miha Humar; Jaka Levanič; Veikko Möttönen; Erkki Verkasalo; Marko Petrič

2. THE IMPACT OF ASH DIEBACK ON THE CHEMICAL AND MECHANICAL PROPERTIES OF WOOD: METHODOLOGICAL EXPERIENCES AND UNCERTAINTIES - Anett Sütő; Róbert Németh

3. INFLUENCE OF SITE CONDITIONS AND STAND COMPOSITION ON THE WOOD PROPERTIES OF ROBINIA PSEUDOACACIA AND QUERCUS CERRIS IN HUNGARY - Róbert Németh; James Kudjo Govina; Fath Alrhman; Awad Ahmed Younis; Mátyás Báder; Miklós Bak; Anett Sütő; Tamás Hofmann; Szabolcs Komán

4. EFFECT OF CORN OIL IMPREGNATION ON THE SURFACE AND HYGROSCOPIC PROPERTIES OF ABIES WOOD AFTER ARTIFICIAL AGING - Maria Papakonstantinou; Andromachi Mitani; Dimitrios Koutsianitis; Konstantinos Ninikas; Georgios Ntalos

5. FUNCTIONALIZED NANOCELLULOSE AS A MODIFIER OF UREA-FORMALDEHYDE RESIN FOR PARTICLEBOARD PRODUCTION - Jakub Kawalerczyk

6. INTEGRATED DESIGN AND DEVELOPMENT OF GIANT REED COMPOSITE PARTICLEBOARDS FOR ECO-CONSCIOUS PUBLIC TRANSPORTATION SEATING - George Mermelas; Dimitra Dimopoulou; Andriana Katsadouri; Konstantinos Ninikas; Georgios Ntalos; Andromachi Mitani; Yannis Kazoglou

17:00-18:00 **ACADEMIC PUBLISHING WORKSHOP (MDPI): AI USE IN ACADEMIC PUBLISHING**
Vitosha Hall | In-person workshop | Chairperson: Prof. Dr Viktor Savov

Friday, October 9, 2026 - Parallel Thematic Sessions

TIME	HALL 1	HALL 2
09:00-10:45	SESSION 3: Forest Resources, Climate Adaptation and Ecosystem Assessment	SESSION 6B: Wood Materials, Engineered Products and Sustainable Applications
10:45-11:15	COFFEE BREAK / POSTER PRESENTATIONS	COFFEE BREAK / POSTER PRESENTATIONS
11:15-13:00	SESSION 4: Sawmilling, Steaming, Wood Machining and Primary Processing	SESSION 6C: Wood Materials, Composites, Coatings and Sustainable Products
13:00-14:00	LUNCH	LUNCH
14:00-15:30	SESSION 5: Wood Machining, Laser Technologies and Machinery	SESSION 7A: Furniture, Design, Visualization and Interior Design
15:30-16:00	COFFEE BREAK / POSTER PRESENTATIONS	COFFEE BREAK / POSTER PRESENTATIONS
16:00-17:30	SESSION 6A: Circular Bioeconomy, Energy and Sustainable Management	SESSION 7B: Furniture, Design, Visualization and Interior Design
17:30-19:00	POSTER SESSION, YOUNG SCIENTISTS' PRESENTATIONS AND THEMATIC DISCUSSION - Part 1	POSTER SESSION, YOUNG SCIENTISTS' PRESENTATIONS AND THEMATIC DISCUSSION - Part 2

09:00-10:45 **SESSION 3: FOREST RESOURCES, CLIMATE ADAPTATION AND ECOSYSTEM ASSESSMENT** Hall 1 | Chairperson: Prof. Dr Georgios Ntalos

- 1. LINKING TREE PHYSIOLOGY, GROWTH, AND BIODIVERSITY: LONG-TERM ECOLOGICAL RESEARCH FROM THE PETROHAN FOREST SITE (BULGARIA)** - Svetoslav Anev; Sonya Damyanova; Tsvetan Tonchev; Veselina Dimitrova; Plamen Pavlov; Stanislava Ruseva; Tihomir Nedelin; Georgi Kadinov
- 2. WOOD PRODUCTION FROM THE FORESTS OF BULGARIA** - Svetoslav Petrov
- 3. THE POTENTIAL OF BULGARIAN BEECH FORESTS AS A SUSTAINABLE SOURCE OF TIMBER FOR THE FURNITURE INDUSTRY** - Metodi Atanasov
- 4. MICROBIAL AND ENZYMATIC ACTIVITY DURING THE PRODUCTION AND APPLICATION OF MULTI-COMPONENT ORGANO-MINERAL AMENDMENTS DERIVED FROM PLANT RESIDUES: EFFECTS ON THE GROWTH OF TOMATO SEEDLINGS** - Boyka Malcheva; Gergana Mladenova; Milena Yordanova; Bilyana Grigorova-Pesheva; Alexandrina Kostadinova-Slaveva
- 5. SOIL RESOURCE MANAGEMENT THROUGH GIS, OPEN SPATIAL DATA AND ARTIFICIAL INTELLIGENCE** - Galin Milchev; Elena Tsvetkova; Radoslav Miltchev

11:15-13:00 **SESSION 4: SAWMILLING, STEAMING, WOOD MACHINING AND PRIMARY PROCESSING** Hall 1 | Chairperson: Prof. Dr Marko Petrič

- 1. QUANTIFYING YIELD EFFICIENCY IN SAWMILLING USING REAL AND SIMULATED DATA** - Ana Marija Stamenkoska; Goran Zlateski; Anastasija Temelkova; Branko Rabadziski
- 2. APPLICATION OF SIGNAL DEVICES FOR REGULATING THE SPEED OF AUXILIARY MOVEMENT IN PRIMARY WOOD PROCESSING** - Damjan Stanojevic; Zoran Trposki; Vladimir Koljozov; Anastasija Temelkova; Monika Koljozova
- 3. INFLUENCE OF TEMPERATURE ON THE BEARINGS LOAD ON A CIRCULAR SAW MILL** - Georgi Kovatchev; Valentin Atanasov
- 4. EXPERIMENTAL DETERMINATION OF CUTTING FORCE FOR THE DESIGN OF A HEAVY-DUTY CIRCULAR SAW SHAFT** - Valentin Atanasov; Georgi Kovatchev
- 5. EXPERIMENTAL STUDY ON THE INFLUENCE OF WORKPIECE MATERIAL AND CUTTING PARAMETERS ON NOISE EMISSION DURING CNC WOOD MACHINING** - Pavlin Vitchev; Rosen Lozanov

14:00-15:30

SESSION 5: WOOD MACHINING, LASER TECHNOLOGIES AND MACHINERY

Hall 1 | Chairperson: Assoc. Prof. Dr Valentin Atanasov

INVITED OPENING LECTURE (20 MIN): ENERGY RECOVERY FROM WOOD RESIDUES: THE ROLE OF LASER TECHNOLOGY IN OPTIMIZING CUTTING PROCESSES - Konstantinos Ninikas, Andromachi Mitani, Dimitrios Koutsianitis, Pavlos Ntalos, Georgios Ntalos

1. MECHANISMS OF SURFACE IRREGULARITY FORMATION IN CNC MILLING OF SOLID WOOD - Lukáš Adamčík; Richard Kminiak; Adrián Banski

2. STUDY OF SURFACE QUALITY DURING CO2 LASER CUTTING OF BEECH PLYWOOD - Engindzhan Halim; Lukáš Adamčík; Zhivko Gochev

3. INTERACTION OF A PULSED CUBR VAPOR LASER WITH DIFFERENT WOOD SPECIES - Nikolai Minkovski; Nikolai Bardarov

4. INFLUENCE OF TEMPERATURE ON THE MECHANICAL PROPERTIES OF SPRUCE WOOD - Nikolai Bardarov; Olena Pinchevskaya; Daniel Madzharov

5. BEARING LOADING DURING LONGITUDINAL MILLING OF SPECIMENS FROM KOTO - Georgi Kovatchev

16:00-17:30

SESSION 6A: CIRCULAR BIOECONOMY, ENERGY AND SUSTAINABLE MANAGEMENT

Hall 1 | Chairperson: Assoc. Prof. Dr Nikolay Neykov

1. ENERGY RECOVERY AND RETURN TO THE GROUND OF WOOD BIOMASS - Anelie Petrissans; Jerome Remy; Ria Aniza; Che-An Lin; Bernhard Zeller; Corentin Didier; Mathieu Petrissans

2. BIOMASS DISTRICT HEATING NETWORKS AND ENERGY OPTIMIZATION OF PUBLIC BUILDINGS: FEEDBACK FROM A LOCAL AUTHORITY - Hugo Mark; Sami Kriouche; Mathieu Pétrissans; Anélie Pétrissans

3. GEOGRAPHIC INFORMATION SYSTEM FOR BIOENERGY PRODUCTION IN BULGARIA - Adelina Ivanova; Boriana Delijska

4. GREEN EFFICIENCY OF WOOD WASTE VALORISATION ALTERNATIVES: EVIDENCE FROM THE MALMQUIST-LUENBERGER PRODUCTIVITY INDEX - Nikolay Neykov; Mariana Sedliačiková; Petar Antov; Maria Osvaldová; Vesela Dimchova; Viktoria Dudeva

5. CIRCULAR ECONOMY IN MATERIAL ECODESIGN: BRICK PRODUCTION FROM MINE WASTE - Aleksandrina Kostadinova-Slaveva; Ekaterina Todorova; Nikolay Neykov

6. CLIMATE ROADMAPS AS A MEANS OF INTRODUCING A CIRCULAR ECONOMY IN BULGARIAN MUNICIPALITIES: EXPERIENCE FROM THE MUNICIPALITY OF SANDANSKI - Emil Kitchoukov; Nikolay Neykov; Georgi Kadinov; Alexandrina Kostadinova-Slaveva

17:30-19:00

POSTER SESSION, YOUNG SCIENTISTS' PRESENTATIONS AND THEMATIC DISCUSSIONS - PART 1

Hall 1 | Chairperson: Chief Assist. Prof. Dr Georgi Kovatchev

1. REVISITING CLIMATE NORMALS: EVIDENCE OF A REGIME SHIFT AND ITS LINK TO FOREST FIRE ACTIVITY IN SOUTHWESTERN BULGARIA - Antonia Goleva

2. ECONOMICS, ORGANIZATION AND MANAGEMENT OF THE FOREST INDUSTRY UNDER INCREASING RISK OF FOREST FIRES - Todor Stoyanov; Nikolay Neykov

3. SPATIAL DISTRIBUTION OF PHYSICAL CHARACTERISTICS IN DOUGLAS FIR (PSEUDOTSUGA MENZIESII MIRB.) STEMS CONTAINING COMPRESSION WOOD - Martina Todorova; Tatiana Vilkovská

4. INVESTIGATION OF PRESSURE LOSSES IN ELBOWS USED IN PNEUMATIC CONVEYING SYSTEMS FOR WOOD PARTICLES - Petar Nikolov; Pavlin Vitchev

5. UPHOLSTERED FURNITURE FRAME CONSTRUCTION IN THE CONTEXT OF DESIGN FOR DISASSEMBLY (DFD): STRENGTH AND DEFORMATION BEHAVIOR OF CORNER JOINTS USING LAMELLO INVIS MX2 CONNECTORS - Desislava Hristodorova

6. IMPORT TRENDS IN THE EU MARKET FOR WOODEN TRANSPORT PACKAGING PRIOR TO THE IMPLEMENTATION OF REGULATION (EU) 2025/40 - Slavica Petrović

7. IMPACT OF OPERATING TEMPERATURE ON THE HEAT BALANCE AND EFFICIENCY OF PITS WHEN STEAMING UNFROZEN LOGS - Nencho Deliiski; Dimitar Angelski; Pavlin Vitchev; Krasimira Atanasova

8. A METHOD FOR EVALUATING THE HOMOGENIZATION OF WET SAWN TIMBER COLORATION DURING AUTOCLAVE STEAMING - Nencho Deliiski; Ladislav Dzurenda; Dimitar Angelski; Pavlin Vitchev; Krasimira Atanasova

09:00-10:45

SESSION 6B: WOOD MATERIALS, ENGINEERED PRODUCTS AND SUSTAINABLE APPLICATIONS
Hall 2 | Chairperson: Dr Konstantinos Ninikas

INVITED KEYNOTE LECTURE (25 MIN): ENGINEERED WOOD PRODUCTS FOR MODERN AND SUSTAINABLE CONSTRUCTION IN THE UK AND WESTERN EUROPE - Dr Mila Duncheva; Marius Catalin Barbu; Eugenia Mariana Tudor
Mila Duncheva: Stora Enso Wood Products, Building Solutions

1. DEMONSTRATING VERSATILE FIBRE-BASED VALUE CHAINS FROM BIOMASS GROWN ON MARGINAL LANDS - Stergios Adamopoulos, Percy Alao

2. EXPERIMENTAL VALIDATION OF COMPUTATIONAL METHODS USED IN TIMBER STRUCTURAL DESIGN THROUGH DESTRUCTIVE TESTING OF FULL-SCALE TIMBER FRAMES - Miltiadis Pappas; Georgios Ntalos; Andromachi Mitani; Dimitrios Koutsianitis; Konstantinos Ninikas; Paulos Ntalos

3. EFFECT OF DENSITY ON THE PROPERTIES OF BIOCOMPOSITE BOARDS FROM WOOD FIBRES AND WHEAT BRAN - Viktor Savov; Maria Angelova; Georgi Ivanov

4. LOW-TEMPERATURE PLASMA TREATMENT AS A SUSTAINABLE APPROACH FOR ELIMINATION OF HEAVY METALS CONTAMINATION EFFECTS - Plamena Marinova; Milena Yordanova; Vera Petrova; Alexandrina Kostadinova; Iliana Apostolova; Evgenia Benova; Yovanna Todorova; Ludmila Čechová; Sanja Živković

5. INVESTIGATION OF STRENGTH PROPERTIES OF WOOD PLASTIC COMPOSITE FOR EXTERIOR FLOORING TYPE DECKING - Vladimir Mihailov

11:15-13:00

SESSION 6C: WOOD MATERIALS, COMPOSITES, COATINGS AND SUSTAINABLE PRODUCTS
Hall 2 | Chairperson: Prof. Dr Tomasz Krystofiak

1. VARIATION OF THE PHYSICAL PROPERTIES IN THE VOLUME OF THE STEM IN DOUGLAS FIR (PSEUDOTSUGA MENZIESII MIRB.) - Martina Todorova; Tatiana Vilkovská

2. AGING OF WATERBORNE WOOD COATINGS EXPOSED TO NATURAL CLIMATE CONDITIONS - Krasimira Atanasova; Tomasz Krystofiak; Dimitar Angelski; Barbara Lis; Dobriyan Dobriyanov

3. PROPERTIES OF HARD WAX OIL COATINGS ON VENEERED SURFACES - Dobriyan Dobriyanov; Dimitar Angelski; Tomasz Krystofiak; Barbara Lis; Krasimira Atanasova; Stefan Petrov

4. PRODUCTION AND PROPERTIES OF BIOCOMPOSITE MATERIALS FROM HEMP SHIVES AND LIGNOSULFONATE - Georgi Ivanov; Konstantin Vasilev; Viktor Savov

5. CASCADE USE OF WOOD WASTE IN MEDIUM-DENSITY FIBERBOARD PRODUCTION: RECYCLING, ADHESIVE SYSTEMS AND CIRCULAR ECONOMY PERSPECTIVES - Viktoria Dudeva; Georgi Ivanov

6. MECHANICAL PROPERTIES OF THREE-LAYER FURNITURE PANELS WITH PARTICLEBOARD CUTTING WASTE CORE - Krasimira Atanasova; Dimitar Angelski; Vanesa Angelova

14:00-15:30

SESSION 7A: FURNITURE, DESIGN, VISUALIZATION AND INTERIOR DESIGN
Hall 2 | Chairperson: Prof. Dr Jerzy Smardzewski

1. GOLDEN SECTION EFFECT ON MECHANICAL PROPERTIES OF LIGHTWEIGHT STREET FURNITURE ELEMENTS - Tolga Kuskun; Jerzy Smardzewski

2. DEVELOPMENT OF A CRITERIA SYSTEM FOR ASSESSING MODULARITY IN CABINET FURNITURE - Vassil Jivkov; Polina Yunchova-Kolova; Boryana Petrova

3. HUMAN-AI COLLABORATION IN INTERIOR DESIGN: ENHANCING DECISION-MAKING IN THE DESIGN PROCESS - Desislava Grigorova; Pavlina Vodenova

4. COMPARATIVE ANALYSIS OF TRADITIONAL 3D METHODS AND NERF IN FURNITURE VISUALIZATION - Radoslav Miltchev; Galin Milchev; Mihail Zagorski

5. DESIGN INNOVATIONS IN ECCLESIASTICAL FURNITURE: ERGONOMIC AND AESTHETIC PREFERENCES IN GREEK ORTHODOX CHURCH STALLS FOR THE ELDERLY - Ioannis Bothos; Michalis Skarvelis; Konstantinos Ninikas

6. SUSTAINABLE TIMBER CONSTRUCTION AND PREFABRICATION FOR A LOW-CARBON BUILDING - Gauthier Colloch; Flavien Bouquet; Mathieu Pétrissans; Anélie Pétrissans

16:00-17:30

SESSION 7B: FURNITURE, DESIGN, VISUALIZATION AND INTERIOR DESIGN
Hall 2 | Chairperson: Prof. Dr Stela Tasheva

1. THE FORMAL LOGIC OF THE TRADITIONAL MACEDONIAN HOUSE: STRUCTURE, GEOMETRY, AND EXPRESSION - Branko Temelkovski; Vladimir Karanakov; Elena Jevtoska

2. IMAGE RECOGNITION IN INTERIOR DESIGN PRACTICE - Stela Borisova Tasheva

3. ANALYSING THE PEDAGOGICAL POTENTIAL OF INTELLIGENT DIGITAL TOOLS IN CONCEPTUAL INTERIOR DESIGN - Adriana Vasileva Yankova-Hristova

4. CONCEPT FORMATION IN INTERIOR AND FURNITURE DESIGN EDUCATION: PEDAGOGICAL APPROACHES TO DEVELOPING CONCEPTUAL THINKING - Desislava Angelova; Adriana Vasileva Yankova-Hristova

5. THE ROLE OF NEW TECHNOLOGIES IN SUPPORTING INDEPENDENT LIVING AMONG OLDER ADULTS: CHALLENGES AND OPPORTUNITIES IN BULGARIA - Maria Kitchoukova

6. PERFORMANCE REQUIREMENTS FOR SURFACES OF SPECIALIZED VETERINARY EQUIPMENT: RESISTANCE TO MECHANICAL DAMAGE AND CHEMICAL CLEANING - Yoanna Fikinceva; Vassil Jivkov

7. DESIGN AND ARCHITECTURE FESTIVALS AS LABORATORIES FOR TEMPORARY ARCHITECTURE: MATERIAL INNOVATION AND SPATIAL EXPERIMENTATION - Ralitsa Dikanska

17:30-19:00

POSTER SESSION, YOUNG SCIENTISTS' PRESENTATIONS AND THEMATIC DISCUSSIONS - PART 2
Hall 2 | Chairperson: Dobriyan Dobriyanov

1. INFLUENCE OF MOISTURE CONTENT ON THE BENDING STRENGTH AND MODULUS OF ELASTICITY OF BEECH AND SPRUCE WOOD - Galina Kutova

2. EFFECT OF HOMOGENIZATION PRESSURE ON THE VISCOSITY OF MICROFIBRILLAR CELLULOSE - Stoyko Petrin; Ivaylo Gavrilov; Petya Mileva-Petrova; Ivo Valchev

3. PROFILE AS A FACTOR THAT INFLUENCES ON AIR PERMEABILITY RESISTANCE - Elena Jevtoska; Gjorgji Gruevski; Nikola Mihajlovski; Branko Temelkovski

4. INFLUENCE OF RELATIVE HUMIDITY ON THE TYPE OF FITTING IN MORTISE AND TENON JOINTS - Nikola Mihajlovski; Elena Jevtoska; Gjorgji Gruevski

5. INFLUENCE OF THE BEVEL ANGLE OF THE BANDSAW ON CUTTING RESISTANCE - Zoran Trposki; Vladimir Koljozov; Anastasija Temelkova; Ana Marija Stamenkoska; Damjan Stanojevic; Monika Koljozova

6. INTEGRATION OF LEAN AND CIRCULAR ECONOMY IN THE FURNITURE INDUSTRY - Ivana Antovska; Mira Stankeviki Shumanska

7. INFLUENCE OF THE OUTER INTERMEDIATE LAYER OF TURKEY OAK (QUERCUS CERRIS L.) ON THE PHYSICO-MECHANICAL PROPERTIES OF FIVE-LAYER PARTICLEBOARDS – Rosen Grigorov

Saturday, October 10, 2026

TIME	PROGRAMME
08:30-09:30	SESSION 8A: Education and Artificial Intelligence, Hall 1
09:30-09:45	COFFEE BREAK (15 MIN)
09:45-10:15	SESSION 8B: Industry Innovation, Circular Economy and Management, Hall 1
10:15-12:00	BREAK
12:00-15:00	ROUND TABLE AND CLOSING SCIENTIFIC DISCUSSION, Hall 1
After 15:00	CULTURAL PROGRAMME / DEPARTURE OF PARTICIPANTS

08:30-09:30 **SESSION 8A: EDUCATION AND ARTIFICIAL INTELLIGENCE**
Hall 1 | Chairperson: Chief Assist. Prof. Dr Maria Konstantinova

1. ALIGNING FACULTY AND STUDENT PERSPECTIVES ON DIGITAL LEARNING FORMATS: A CASE STUDY FROM THE UNIVERSITY OF FORESTRY, BULGARIA - Desislava Angelova; Tsvetan Stoykov; Vanina Tabakova; Adriana Yankova-Hristova; Denislav Lyubenov; Eli-Naya Konetsovska; Anna-Maria Sofianska

2. FROM THEORY TO DIGITAL PRACTICE: DESIGN, IMPLEMENTATION AND EVALUATION OF ELECTRONIC LEARNING GUIDES IN DESIGN EDUCATION - Desislava Angelova; Tsvetan Stoykov; Vanina Tabakova; Adriana Yankova-Hristova; Denislav Lyubenov; Eli-Naya Konetsovska; Anna-Maria Sofianska

3. BRIDGING THE GAP BETWEEN TRADITIONAL TEACHING MODELS AND CONTEMPORARY LEARNING HABITS IN DESIGN STUDENTS: A CONCEPTUAL AND EMPIRICAL PERSPECTIVE - Desislava Angelova; Tsvetan Stoykov; Vanina Tabakova; Adriana Yankova-Hristova; Denislav Lyubenov; Eli-Naya Konetsovska; Anna-Maria Sofianska

4. TRANSFORMATION OF THE ACADEMIC ENVIRONMENT THROUGH ARTIFICIAL INTELLIGENCE: AN EMPIRICAL STUDY AMONG STUDENTS AND FACULTY - Melina Neykova; Galin Milchev; Viktor Savov

5. THE IMPORTANCE OF A MULTIDISCIPLINARY APPROACH IN THE DESIGN OF RETAIL SPACES - Carmella Lombardi

09:45-10:15 **SESSION 8B: INDUSTRY INNOVATION, CIRCULAR ECONOMY AND MANAGEMENT**
Hall 1 | Chairperson: Prof. Dr Viktor Savov

1. INNOVATION ACTIVITY OF THE FOREST INDUSTRY IN BULGARIA FOR THE PERIOD 2018–2022 - Vesela Dimchova; Nikolay Neykov; Radostina Popova-Terziyska

2. INDUSTRY 4.0 IN THE WOODWORKING AND FURNITURE INDUSTRY: TECHNOLOGICAL SOLUTIONS, APPLICATIONS AND FUTURE TRENDS - Aleksandar Doichinov

12:00-15:00 **ROUND TABLE AND CLOSING SCIENTIFIC DISCUSSION**
Vitosha Hall | Chairpersons: Prof. Dr Dimitar Angelski; Prof. Dr Viktor Savov

Discussion topics: publication opportunities for extended conference papers; international cooperation and research networks; preparation of joint project proposals; participation and career development of young scientists; future scientific initiatives; closing remarks and official conclusion of INNO'2026.

Information for Presenters

Dear Participants,

To ensure well-organized sessions and sufficient time for scientific discussion, the following presentation guidelines apply:

- Invited opening/keynote lectures are scheduled for approximately 20–25 minutes, as indicated in the programme.
- Oral presentations should be 7 minutes long and should briefly cover the topic, objectives, methods, main results, conclusions and perspectives for future research.
- Questions and discussion are limited to 3 minutes immediately after each oral presentation.
- Presentations should be prepared in English and uploaded to the session computer before the beginning of the relevant session.
- Poster presenters should install their posters before 09:00 on Friday, October 9, 2026. The posters will remain on display throughout the day, and presenters should remain available during the scheduled poster discussion block.
- The programme is a revised draft and may be subject to minor changes after final confirmation of attendance, presentation format, company contributions and remaining author details.

CONFERENCE INFORMATION

Conference website	https://inno.ltu.bg
INNO Journal / OJS	https://innojs.ltu.bg/index.php/scjournal-inno/index
Conference e-mail	inno_conference@ltu.bg
Venue	Park Hotel Vitosha, Sofia, Bulgaria

CONFERENCE VISIBILITY AND YOUNG RESEARCHERS



InnovaWood

INNO'2026 is included in the InnovaWood Event Calendar.

innovawood.com

The INNO'2026
Best Young Researcher
Oral Presentation Award

08–10 October 2026
Sofia, Bulgaria








Young researcher oral presentation awards
sponsored by Forests (MDPI).