



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

10:30-13:00 **PLENARY SESSION**
Vitosha Hall | Chairperson: Prof. Dr Dimitar Angelski

- EVALUATE FLAMMABILITY OF WOOD BY MULTIPLE SCALE TESTS** - Prof. Dr Qiang Xu
- 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
- AUXETICS, FROM WOOD AND FOR FURNITURE** - Prof. Jerzy Smardzewski
- QUO VADIS WOOD TECHNOLOGY?** - Prof. Tomasz Krystofiak
- CHALLENGES AND OPPORTUNITIES FOR THE FURNITURE INDUSTRY IN BULGARIA** - Prof. Dr Vassil Jivkov

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. COMPANY PRESENTATIONS

WELDE BULGARIA - Company presentation

KRONOSPAN BULGARIA - Company presentation

ECOTECHPRODUCT - Applied technology presentation

JAF BULGARIA - Company presentation

B. APPLIED PRESENTATION AND WORKING DISCUSSION

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

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**
Vitoshka Hall | Chairperson: Prof. Dr Qiang Xu

1. 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

2. 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

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

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

17:00-18:00 **ACADEMIC PUBLISHING WORKSHOP (MDPI): AI USE IN ACADEMIC PUBLISHING**
Vitoshka Hall | In-person workshop

THIRTEENTH INTERNATIONAL SCIENTIFIC AND TECHNICAL CONFERENCE INNOVATIONS IN FOREST INDUSTRY AND ENGINEERING DESIGN - INNO'2026

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 - Part 1
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 - Part 2
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; Siyka 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. RESIDUAL BENDING STRENGTH OF SPRUCE WOOD AFTER CYCLIC AND SUSTAINED PRE-LOADING UNDER DIFFERENT MOISTURE CONDITIONS** - Nikolai Bardarov; Elena Vladimirova; Kristina Kostadinova
- 5. 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
- 6. 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 | Chairpersons: Assoc. Prof. Valentin Atanasov Atanasov; Dr Konstantinos Ninikas

- 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 Stanojević
- 3. INFLUENCE OF THE BEVEL ANGLE OF THE BANDSAW ON CUTTING RESISTANCE** - Zoran Trposki; Vladimir Koljozov; Anastasija Temelkova; Ana Marija Stamenkoska; Damjan Stanojević; Monika Koljozova
- 4. A METHOD FOR EVALUATING THE HOMOGENIZATION OF WET SAWN TIMBER COLORATION DURING AUTOCLAVE STEAMING** - Nencho Deliiski; Ladislav Dzurenda; Dimitar Angelski; Pavlin Vitchev; Krasimira Atanasova
- 5. INFLUENCE OF TEMPERATURE ON THE BEARINGS LOAD ON A CIRCULAR SAW MILL** - Georgi Kovatchev; Valentin Atanasov
- 6. EXPERIMENTAL DETERMINATION OF CUTTING FORCE FOR THE DESIGN OF A HEAVY-DUTY CIRCULAR SAW SHAFT** - Valentin Atanasov; Georgi Kovatchev
- 7. 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: Prof. Dr Viktor Savov

- INVITED OPENING LECTURE (20 MIN): ENERGY RECOVERY FROM WOOD RESIDUES: THE ROLE OF LASER TECHNOLOGY IN OPTIMIZING CUTTING PROCESSES** - Dr Konstantinos Ninikas; Georgios Ntalos; Andromachi Mitani; Dimitrios Koutsianitis
- 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. 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. IMPORT TRENDS IN THE EU MARKET FOR WOODEN TRANSPORT PACKAGING PRIOR TO THE IMPLEMENTATION OF REGULATION (EU) 2025/40** - Slavica Petrović
- 3. BIOMASS DISTRICT HEATING NETWORKS AND ENERGY OPTIMIZATION OF PUBLIC BUILDINGS: FEEDBACK FROM A LOCAL AUTHORITY** - Hugo Mark; Sami Kriouche; Mathieu Pétrissans; Anélie Pétrissans
- 4. GEOGRAPHIC INFORMATION SYSTEM FOR BIOENERGY PRODUCTION IN BULGARIA** - Adelina Ivanova; Boriana Delijska
- 5. 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
- 6. CIRCULAR ECONOMY IN MATERIAL ECODESIGN: BRICK PRODUCTION FROM MINE WASTE** - Aleksandrina Kostadinova-Slaveva; Ekaterina Todorova; Nikolay Neykov
- 7. 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
- 8. IMPACT OF OPERATING TEMPERATURE ON THE HEAT BALANCE AND EFFICIENCY OF PITS WHEN STEAMING UNFROZEN LOGS** - Nencho Deliiski; Dimitar Angelski; Pavlin Vitchev; Krasimira Atanasova

17:30-19:00

POSTER SESSION, YOUNG SCIENTISTS' PRESENTATIONS AND THEMATIC DISCUSSIONS - PART 1
Hall 1 | Chairperson: Chief Assist. Prof. Georgi Kovatchev, PhD

- 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

FRIDAY, OCTOBER 9, 2026 - HALL 2

09:00-10:45

SESSION 6B: WOOD MATERIALS, ENGINEERED PRODUCTS AND SUSTAINABLE APPLICATIONS
Hall 2 | Chairperson: Prof. Dr Tomasz Krystofiak

- INVITED KEYNOTE LECTURE (25 MIN): ENGINEERED WOOD PRODUCTS FOR MODERN AND SUSTAINABLE CONSTRUCTION IN THE UK AND WESTERN EUROPE (WORKING TITLE)** - Dr Mila Duncheva, Stora Enso Wood Products, Building Solutions; with Prof. Dr Marius Catalin Barbu (Balkan perspective)
- 1. 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
 - 2. INFLUENCE OF THE OUTER INTERMEDIATE LAYER OF TURKEY OAK (QUERCUS CERRIS L.) ON THE PHYSICO-MECHANICAL PROPERTIES OF FIVE-LAYER PARTICLEBOARDS** - Authors to be confirmed
 - 3. 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
 - 4. 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 Viktor Savov

- 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 FOR THE PRODUCTION OF ECO-FRIENDLY BIOCOMPOSITE MATERIALS IN THE CONTEXT OF THE CIRCULAR ECONOMY** - Viktoria Dudeva; Petar Antov; Georgi Ivanov
- 6. MECHANICAL PROPERTIES OF THREE-LAYER FURNITURE PANELS WITH PARTICLEBOARD CUTTING WASTE CORE** - Krasimira Atanasova; Dimitar Angelski; Vanesa Angelova
- 7. EFFECT OF DENSITY ON THE PROPERTIES OF BIOCOMPOSITE BOARDS FROM WOOD FIBRES AND WHEAT BRAN** - Viktor Savov; Maria Angelova; Georgi Ivanov

14:00-15:30

SESSION 7A: FURNITURE, DESIGN, VISUALIZATION AND INTERIOR DESIGN - PART 1
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 - PART 2
Hall 2 | Chairperson: Prof. Dr Stela Tasheva

- 1. IMAGE RECOGNITION IN INTERIOR DESIGN PRACTICE** - Stela Borisova Tasheva
- 2. ANALYSING THE PEDAGOGICAL POTENTIAL OF INTELLIGENT DIGITAL TOOLS IN CONCEPTUAL INTERIOR DESIGN** - Adriana Vasileva Yankova-Hristova
- 3. CONCEPT FORMATION IN THE INTERIOR AND FURNITURE DESIGN PROCESS: PEDAGOGICAL APPROACHES TO DEVELOPING CONCEPTUAL THINKING** - Desislava Angelova; Adriana Vasileva Yankova-Hristova
- 4. THE ROLE OF NEW TECHNOLOGIES IN SUPPORTING INDEPENDENT LIVING AMONG OLDER ADULTS: CHALLENGES AND OPPORTUNITIES IN BULGARIA** - Maria Kitchoukova
- 5. PERFORMANCE REQUIREMENTS FOR SURFACES OF SPECIALIZED VETERINARY EQUIPMENT: RESISTANCE TO MECHANICAL DAMAGE AND CHEMICAL CLEANING** - Yoanna Fikinceva; Vassil Jivkov
- 6. 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. THE FORMAL LOGIC OF THE TRADITIONAL MACEDONIAN HOUSE: STRUCTURE, GEOMETRY, AND EXPRESSION - Branko Temelkovski; Vladimir Karanakov; Elena Jevtoska

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

**THIRTEENTH INTERNATIONAL SCIENTIFIC AND TECHNICAL CONFERENCE
 INNOVATIONS IN FOREST INDUSTRY AND ENGINEERING DESIGN - INNO'2026**

Saturday, October 10, 2026

TIME	PROGRAMME
09:00-10:00	SESSION 8A: Education and Artificial Intelligence, Hall 1
10:00-10:30	COFFEE BREAK
10:30-11:30	SESSION 8B: Industry Innovation, Circular Economy and Management, Hall 1
11:30-12:00	BREAK
12:00-15:00	ROUND TABLE AND CLOSING SCIENTIFIC DISCUSSION, Hall 1
After 15:00	CULTURAL PROGRAMME / DEPARTURE OF PARTICIPANTS

09:00-10:00 **SESSION 8A: EDUCATION AND ARTIFICIAL INTELLIGENCE**
Hall 1 | Chairperson: Maria Kokorska, PhD

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. 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

3. 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

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

10:30-11:30 **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

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

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, remaining author details and the final title of Dr Mila Duncheva's invited keynote lecture.

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 Vitoshka, Sofia, Bulgaria