

# CONFERENCE PROGRAM

10th International Conference on Science and Technology (ICONST) ·  
July 1–3, 2026 · Óbuda University, Budapest, Hungary

## July 1<sup>st</sup>, 2026 (Wednesday)

### Opening Ceremony – Keleti Károly Faculty of Business and Management, Conference Hall, Óbuda University, Budapest, Hungary

*All times are given in Budapest local time (CEST, GMT+2).*

- |             |  |
|-------------|--|
| 09:00-16:30 | <b>Conference Registration</b>   |
| 11:00-11:30 | <b>Opening Session - Welcome Speeches</b>  |
| 11:30-12:15 | <b>Prof. Dr. Bart Muys – Keynote Speaker</b><br>Department of Earth and Environmental Sciences, KU Leuven<br><i>“Climate adaptation of forests: Should we prepare for assisted migration of tree species?”</i> |

# ICONST - ORAL PRESENTATION PROGRAM

ICONST 2026 · 10th International Conference on Science and Technology ·

July 1–3, 2026 · Óbuda University, Budapest, Hungary

*All times are given in Budapest local time (CEST, GMT+2).*

## SESSION 1 · ROOM 1

Wednesday, July 1, 2026 · 13:30 – 15:30 · Coffee Break 15:30 – 16:00

**Session Chair:** Dr. Molnár György

Time	ID	Presentation Title	Author(s)
13:30 – 13:45	IS	<b>The Futura of modern warfare defense industry amentsnd emerging technological develop</b>	Ömer Boyacı
13:45 – 14:00	2619	<b>USE OF 3D Printer NOZZLE Cleaning STRIPS AS Macro-fiber IN CEMENT Mortars</b>	Eren Gödek, Serhat Oğuzhan Kivrak
14:00 – 14:15	2603	<b>Variation of the Safety Factor in Slope Stability as a Function of Slope Angle and Groundwater Level</b>	Baran Toprak, Murat Pinarlik
14:15 – 14:30	2427	<b>Micro-vibration Signatures of Rail Thermal Stress: Evidence from Winter Tensile States and Quiescence at the Stress-free Temperature</b>	Ferhat Çeçen, Mehmet Saltan
14:30 – 14:45	2431	<b>Tribological and Corrosion Response of Deformed Niti Alloy</b>	S. Sezek, S. Bayram, B. Aksakal
14:45 – 15:00	2414	<b>The Effect of Cellulose Paper Interlayer on Mechanical Properties in Carbon Fiber Reinforced Composite</b>	Şemsi Körmen, Tugay Üstün
15:00 – 15:15	2602	<b>Investigation of Energy Savings and Carbon Emission Reduction Through an Artificial Intelligence-based Energy Management System in a University Building: a Case Study</b>	Fatih Yiğit
15:15 – 15:30	2425	<b>Design and Analysis of an Electromagnetic Energy Harvesting Circuit for Powering Wireless Sensor Nodes in High-voltage Transmission Lines</b>	Fatma Yiğit Kaynak

**SESSION 1 · ROOM 2**

Wednesday, July 1, 2026 · 13:30 – 15:30 · Coffee Break 15:30 – 16:00

**Session Chair:** Gökhan Bayraktar

Time	ID	Presentation Title	Author(s)
13:30 – 13:45	IS	<b>Every summit first conquered in the Mind</b>	Gökhan Bayraktar
13:45 – 14:00	2472	<b>Examining the Relationship between Sleep Quality, Attention and Decision-making in University Students</b>	Kerem Can Taytan, Kürşat Arzuoğlu, Hüseyin Aymaz
14:00 – 14:15	2468	<b>Futbolcularda Mental Yorgunluk İle Fiziksel Yorgunluk Arasındaki İlişkinin Analizi</b>	Nehir Tügetimur, Mehmet Emin Adıgüzel
14:15 – 14:30	2467	<b>Spor Yöneticilerinde Yeşil Egzersiz Davranışları İle Liderlik Tarzları Arasındaki İlişkinin İncelenmesi</b>	Hayat Süngü, Kısmet Asil Zile, Yiğit Özkan, Enes Demirci
14:30 – 14:45	2532	<b>Modern Dünyada Boşluk Hissi: Serbest Zamanda Sıkılma Algısının Anlam Arayışı ve Yeni İnanç Sistemleri Üzerindeki Etkisi</b>	Sinan Erdem Satılmış, Yusuf Kaan Baş
14:45 – 15:00	2453	<b>Children's Right to Participate in Sports and Their Protection</b>	Yunus Şahinler, Yusuf Can, İrfan Kara
15:00 – 15:15	2596	<b>Toplumsal Cinsiyet Rollerini Tutumunun Kadınların Rekreyasyona Katılımında Boş Zaman Engelleri ve Serbest Zaman Tatmini Üzerindeki Etkisi</b>	Sude Aman, Sedef Sarı
15:15 – 15:30	2470	<b>Integrative Bioinformatic Analysis of Molecular Links between Connective Tissue Disorders and Neurodevelopmental Processes</b>	Ela Merve Sefa, Deniz Senturk

**SESSION 1 · ROOM 3**

Wednesday, July 1, 2026 · 13:30 – 15:30 · Coffee Break 15:30 – 16:00

**Session Chair:** Hülya Kesici

Time	ID	Presentation Title	Author(s)
13:30 – 13:45	2605	<b>Engineering a Circular Future: Advancing SDG 12 Through Innovative Material Recovery and Closed-loop Systems</b>	Hülya Kesici
13:45 – 14:00	2600	<b>The Olfactory System, Nasal Pathogen Entry, And Chronic Neuroinflammation In Alzheimer's Disease: A Review</b>	Ulas Evren Arin, Ebru Onem
14:00 – 14:15	M4	<b>Comparison Of The Content And Antibacterial Properties Of Niaouli Essential Oils From Different Brands</b>	Ebru Önem, Ulaş Evren Arın
14:15 – 14:30	2589	<b>THE ROLE OF Cxcr2-Mediated Neutrophil Recruitment IN THE Pathogenesis OF Ulcerative Colitis</b>	Ayşe Seda Erarslan, Nurhan Gumral
14:30 – 14:45	2437	<b>Detection And Distribution Of Ceratocystis Platani In The URBAN AREA Of Denizli USING Real-Time PCR</b>	Merve Başaran, Refika Ceyda Beram, Sultan Akyol
14:45 – 15:00	2497	<b>Transition from Endophytes to Pathogens: Evaluating the Impact of Diaporthe Species on the Health and Resilience of Endemic Liquidambar Orientalis Forests</b>	Sultan Akyol
15:00 – 15:15	2499	<b>Positive Summability Methods Through Reproducing Kernel Hilbert Spaces</b>	Mehmet Gürdal
15:15 – 15:30	2424	<b>Edge Computing-based Image Compression Strategies for Energy and Bandwidth Optimization in Wildlife Monitoring Systems</b>	Yağız Talha Kaynak
15:30 – 15:45	2511	<b>Development and Characterization of Chitosan-Based Antibacterial Titanium Coatings Containing Silver Nanoparticles Obtained by Green Synthesis Using Persimmon (Diospyros kaki) and Thyme (Thymus serpyllum)</b>	Göksel Kepenek, Naime Nur Bozbeyoğlu Kart, Buğra Sökmen, Yusuf Özcan, Nazime Mercan Doğan

**SESSION 1 · ROOM 4**

Wednesday, July 1, 2026 · 13:30 – 15:30 · Coffee Break 15:30 – 16:00

**Session Chair:** Stela Sefa

Time	ID	Presentation Title	Author(s)
13:30 – 13:45	2481	<b>Quantitative Assessment of Coastal Water Variability Under Urbanization Pressure: the Case of Durres Coast</b>	Stela Sefa, Milidin Bakalli, Osman Metalla, Merita Xhixho, Alma Golgota, Julian Priska
13:45 – 14:00	2560	<b>Analysis of Economic Sustainability in Montenegro's Maritime Sector in the Context of the Circular Economy</b>	Ivana Baćović, Dragana Milošević, Senka Šekularac-Ivošević
14:00 – 14:15	2478	<b>Probabilistic Life Cycle Assessment of Embodied Carbon in Post-earthquake Reconstruction: a Typology-based Approach from Albania</b>	Stela Sefa, Osman Metalla, Eli Vyshka, Artur Make, Julian Sefa
14:15 – 14:30	2570	<b>Domestic and International Approaches to Post Mining Landscape Rehabilitation</b>	Balázs Váradi
14:30 – 14:45	2548	<b>Hierarchical Multi-layer Neural Network Architecture for Predictive Diagnostics of Three-phase Induction Motors</b>	István Bendiák, György Schuster
14:45 – 15:00	2547	<b>Creativity Boost: Developing and Piloting Creativity Courses in Higher Education</b>	Anikó Kocsis

**SESSION 2 · ROOM 1**

Wednesday, July 1, 2026 · 16:00 – 18:00

**Session Chair:** Mohamed Bouaziz

Time	ID	Presentation Title	Author(s)
16:00 – 16:15	2475	<b>Olive by Products: Low-cost, Renewable Source of High Added Value Phenolic Compounds and Their Biological Activities and Functional Food</b>	Boutheina Gargouri, Mohamed Bouaziz
16:15 – 16:30	2615	<b>Emerging Fungal Pathogens and Novel Host Associations in Horticultural Crops of Central Europe: New Records from Hungary</b>	Verēlindē Bogaj, Anita Vegh, David Papp
16:30 – 16:45	2611	<b>Investigation of the in Vitro Antifungal Efficacy of Different Photorhabdus Species Against Monilinia Laxa and Colletotrichum Fioriniae</b>	Emre Şen, Tímea Tóth, Szabolcs Ádám and Tamás Lakatos
16:45 – 17:00	2554	<b>The Impact of ESG on Corporate Performance and Risk: an Empirical Analysis</b>	Ákos Botos Edina Kulcsár
17:00 – 17:15	2633	<b>Standardization of Bee Propolis (Apis Mellifera): Quality, Authenticity, and Analytical Specifications According to ISO 24381:2023</b>	Taner Erkaymaz
17:15 – 17:30	2632	<b>The Effect of Different Extraction Methods on the Phenolic Content of Aronia Extracts</b>	Taner Erkaymaz, A. Hakan Aktaş
17:30 – 17:45	2630	<b>Chemical Profiling and ISO 9842 Compliance of Rosa Damascena Essential Oils: a Cross-regional Study of Turkey</b>	Taner-Erkaymaz, A. Hakan-Aktaş
17:45 – 18:00	2507	<b>Comparative Investigation of DPPH, ABTS and BSA Inhibition Activities of Two Sulfonamide Derivatives</b>	Zuhal Sahin

**SESSION 2 · ROOM 2**

Wednesday, July 1, 2026 · 16:00 – 18:00

**Session Chair:** Grzegorz Kowaluk

Time	ID	Presentation Title	Author(s)
16:00 – 16:15	2523	<b>The Second Life of Tree Bark: Sustainable Pathways for Post-extraction Residues. the Barkpro Project</b>	Grzegorz Kowaluk
16:15 – 16:30	2439	<b>Species-based Analysis of Carbon Sequestration of Urban Trees Along the İstanbul Coastal Promenade</b>	Selim Pişkin, Engin Eroğlu
16:30 – 16:45	2417	<b>Assessing the Landscape Potential of Halophytic Plants Using Ellenberg–pignatti Indicator Values</b>	Sertaç Kaya
16:45 – 17:00	2416	<b>The Role Of University Campuses In Supporting Biodiversity: The Case Of Duzce University</b>	Ece Pehlivan, Aleyna Kolbas, Dr. Nermin Basaran
17:00 – 17:15	2415	<b>Revealing The Pollinator Potential Of University Campuses: The Case Of Duzce University Campus</b>	Aleyna Kolbaş, Ece Pehlivan, Nermin Başaran
17:15 – 17:30	2421	<b>Time Series Modeling And Trend Analysis Of Discharge In The Kokcha River Basin Using ARIMA And SARIMA</b>	Abbas Gulistani, Dr. Mehmet Kazim Yetik
17:30 – 17:45	2618	<b>Combined Safety and Cybersecurity Frameworks for SAE Level 3-5 Automated Driving Systems: a Systematic Literature Review</b>	Roland Csongvai, Péter Pál Bakucz
17:45 – 18:00	2543	<b>Innovative Approach in Assessing Heavy Metals in Boka Kotorska Bay – Follow-up</b>	Filip Radunović, Aleksandar Mandić, Draško Kovač, Špiro Ivošević

**SESSION 2 · ROOM 3**

Wednesday, July 1, 2026 · 16:00 – 18:00

**Session Chair:** Muhammet Cihat Mumcu

Time	ID	Presentation Title	Author(s)
16:00 – 16:15	2407	<b>Design and Implementation of a Chaos-based Analog Lightweight Cryptography Circuit</b>	Muhammet Cihat Mumcu
16:15 – 16:30	2493	<b>Tarai – Development of a Portable Agricultural Analysis and Guidance Device Prototype Supported by Multi-sensor Fusion and Image Processing and Evaluation of Measurement Data</b>	Kubra Erdogan, Abdurrahman Ebrar Kocak, Sena Nur Benli
16:30 – 16:45	2494	<b>ESP-NOW Communication Protocol Based Offline Smart Home Automation System Prototype Development</b>	Kubra Erdogan, Emre Yazıcı, Aysenur Erdogan
16:45 – 17:00	2464	<b>A Scalable and Regulatory-compliant Mlops Framework for Credit Card Approval Prediction with Psi-based Drift Monitoring</b>	Gamze Aydilek
17:00 – 17:15	2449	<b>An Intuitionistic Fuzzy Entropy-topsis Framework for Earthquake Risk Assessment: a Case Study on Istanbul</b>	Büşra Meniz
17:15 – 17:30	2450	<b>Tsallis Entropy as a Unified Framework for Quasicrystals: the Fibonacci Case as a Shannon Limit</b>	Kübra Çetinberk, İpek Ebru Karaçay, Salim Yüce
17:30 – 17:45	2451	<b>Entropic Fractal Dimensions of Silver and Bronze Quasicrystals via Tsallis Statistics: Beyond the Fibonacci Paradigm</b>	İpek Ebru Karaçay, Kübra Çetinberk, Salim Yüce
17:45 – 18:00	2631	<b>Classification of Chicken Embryo Fertility in Early Stage with Using Common Matrix Approach and Blood Vessel Image.</b>	Omer Boyaci, Ali Kirkbas

**SESSION 2 · ROOM 4**

Wednesday, July 1, 2026 · 16:00 – 18:30

**Session Chair:** Hüseyin Gümüş

Time	ID	Presentation Title	Author(s)
16:00 – 16:15	IS	<b>Beyond academic success: recreational services and active campus culture in higher education</b>	Hüseyin Gümüş
16:15 – 16:30	2595	<b>Rekreatif Katılım mı, Sağlık Algısı mı? Sosyal Ağ Düzeyinin Belirleyicileri Üzerine Bir Araştırma</b>	Buse Gül Peker , Ömer Efe Aydoğdu , Hazal Peker
16:30 – 16:45	2600	<b>The Olfactory System, Nasal Pathogen Entry, And Chronic Neuroinflammation In Alzheimer's Disease: A Review</b>	Ulas Evren Arin, Ebru Onem
16:45 – 17:00	2532	<b>Modern Dünyada Boşluk Hissi: Serbest Zamanda Sıkılma Algısının Anlam Arayışı ve Yeni İnanç Sistemleri Üzerindeki Etkisi</b>	Sinan Erdem Satılmış, Yusuf Kaan Baş
17:00 – 17:15	2461	<b>The Effects of Stress on Mental Health and Well-being</b>	Göktürk Taşdelen. Damra Gezer, Mehmet Baydar
17:15 – 17:30	2453	<b>Children's Right to Participate in Sports and Their Protection</b>	Yunus Şahinler, Yusuf Can, Irfan Kara
17:30 – 17:45	2452	<b>Brain and Sports Performance: A Prefrontal Cortex-Based Neurocognitive Model</b>	Yunus Şahinler, Yusuf Can
17:45 – 18:00	2589	<b>The Role Of Cxcr2-Mediated Neutrophil Recruitment In The Pathogenesis Of Ulcerative Colitis</b>	Ayşe Seda Erarslan, Nurhan Gumral

**SESSION 2 · ROOM 5**

Wednesday, July 1, 2026 · 16:00 – 19:00

**Session Chair:** Indrit Bimi

Time	ID	Presentation Title	Author(s)
16:00 – 16:15	2637	<b>Quality of Life among University and Nursing Students in Albania: a Cross-sectional Study</b>	Indrit Bimi
16:15 – 16:30	2636	<b>Smoking Patterns, Social Exposure and Cessation Readiness among University Students in Durrës, Albania</b>	Indrit Bimi
16:30 – 16:45	2635	<b>Educational Gaps in Palliative-care Knowledge among Albanian Health-sciences Respondents</b>	Indrit Bimi
16:45 – 17:00	2518	<b>Nursing Workload AND Service-level CARE Quality Indicators IN AN Albanian Specialized Hospital: a Retrospective Analysis OF Staffing RATIOS AND Admission Volumes (2023–2025)</b>	Daniela Bimi
17:00 – 17:15	2454	<b>Trends in Mortality Rates Attributable to Occupational Risks in Albania During the Period 1990-2023</b>	Qamil Dika, Marsida Duli
17:15 – 17:30	2457	<b>Burden of Chronic Kidney Disease in Albania, 1990-2023</b>	Marsida Duli, Qamil Dika
17:30 – 17:45	2456	<b>Trends in Chronic Kidney Disease Mortality in Albania During the Period 1990-2023</b>	Marsida Duli, Qamil Dika
17:45 – 18:00	2422	<b>Clinical Predictors for Early MRI After Acute Ankle Sprain.</b>	Neritan Myderrizi, Indrit Bimi
18:00 – 18:15	2455	<b>Burden of Disease attributable to occupational risks in Albania, 1990-2023</b>	Qamil Dika, Marsida Duli
18:15 – 18:30	2644	<b>Oral Manifestations In HIV-Positive Patients: Clinical Features, Diagnosis And Management</b>	Silvana Bara, Milton Rroco, Celjana Toti, Etleva Droboniku, Gerta Kacani, Daniela Bimi
18:30 – 18:45	2643	<b>Clinical Presentation And Management Of Oral Lichen Planus: A Literature Review And Case Series From Albania</b>	Silvana Bara, Emanuela Elezi Ervina Haxhiraj, Rozela Xhemnica, Daniela Bimi
18:45 – 19:00	2642	<b>Oral Manifestations In Diabetic Patients: A Cross-Sectional Study</b>	Silvana Bara Ervina Haxhiraj, Greis Kreka, Daniela Bimi

**SESSION 3 · ROOM 2**

Thursday, July 2, 2026 · 10:00 – 12:45

**Session Chair:** Krisztian Balint

Time	ID	Presentation Title	Author(s)
10:00 – 10:15	2614	<b>A Comparative Analysis of Ai-driven Intrusion Detection Systems for Smart Cities</b>	Shreya Anchlia
10:15 – 10:30	2590	<b>Early Performance Signals in an IT Course: Course-level Evidence for Identifying Students at Risk</b>	András Keszthelyi
10:30 – 10:45	2550	<b>Mapping the Criminal Ecosystems of Cryptocurrency Abuse: a Qualitative Model of Organised Crime, Harm, and Illicit Asset Flows</b>	Zsuzsanna Deák, Ádám Béla Horváth
10:45 – 11:00	2545	<b>Explaining IT Security Risk-taking: a Domain-specific Analysis of Perceived Benefits, Risk Perception, and Demographic Differences</b>	Pál Fehér-Polgár, Péter Szikora
11:00 – 11:15	2522	<b>Stress, Coping, and the Psychological Pathways to Problematic Online Gaming</b>	Ádám Béla Horváth, Péter Szikora, Fruzsina Hoványi-Nagy
11:15 – 11:30	2504	<b>Blockchain-based Multi-stage Approval Workflow Using Smart Contracts</b>	Krisztian Balint
11:30 – 11:45	2568	<b>Comparative Analysis of the Presence of Microplastics in Surface Waters of the Eastern Adriatic Before and After the Summer Nautical Season</b>	Aleksandar Mandić, Dragana Milošević, Srđan Vujičić, Natalija Kavran, Ana Krmek, Marija Parać, Neven Cukrov, Špiro Ivošević
11:45 – 12:00	2561	<b>Comparative Assessment of Corrosion-induced Thickness Loss in Ballast Tank Structures of an Aging Bulk Carrier</b>	Aleksandar Mandić, Špiro Ivošević

**SESSION 3 · ROOM 3**

Thursday, July 2, 2026 · 10:00 – 12:45

**Session Chair:** Norbert Ferenczi

Time	ID	Presentation Title	Author(s)
10:00 – 10:15	2510	<b>Development of Functional Kefir-based Smoothie Powders from Different Fruit and Vegetable Matrices</b>	Almina Çengel, Bilge Ertekin Filiz
10:15 – 10:30	2505	<b>Analysis of Bioactive Components and Antioxidant Capacity in Fermented Products (Wine and Vinegar) Derived from Diospyros Kaki and Peels</b>	Zuhal Sahin, Fatih Sonmez, Tulay Duran
10:30 – 10:45	2486	<b>Rectification-based Separation of Volatile Compounds in Food Systems: a Process Perspective with Insights from Tomato Waste Aroma Fractionation</b>	Hatice Reyhan Öziyici, Mustafa Karhan
10:45 – 11:00	2440	<b>Experimental Evaluation of Fiber Cement Sheathed Cold-formed Steel Shear Walls Under Monotonic Loading</b>	Haluk Emre Alçiçek, Barlas Özden Çağlayan
11:00 – 11:15	2574	<b>Enhancement of Olive Oil Shelf Life and Quality Properties by Rosehip Oil Enrichment</b>	Feride Işıl Turkmen, Şerife Çevik
11:15 – 11:30	2601	<b>Moisture Management Engineering of Cotton Fabrics Through Cellulose Nanocrystal Surface Modification: a Comparative Study of Exhaustion and Padding Techniques</b>	İsa Gümüş, Enfal Kayahan, Demet Yılmaz
11:30 – 11:45	2512	<b>Photocatalytic Activity of Nanocrystalline TiO<sub>2</sub> Synthesized by Sol-gel Method at Room Temperature</b>	Melek Yaren Ertur, Huseyin Arıkan, Rukiye Tasdemir, Umran Sofu, Ebru Onem, Demet Yılmaz, Kerim Yapıcı
11:45 – 12:00	2593	<b>Application of Green Flame Retardants on Cotton Textile Surfaces and Investigation of Their Flame Retardancy Performance</b>	Keziban Zeynep Şahin, Ayşe Kara, Demet Yılmaz

**SESSION 3 · ROOM 4**

Thursday, July 2, 2026 · 10:00 – 12:45

**Session Chair:** Dr. Ádám Béla Horváth

Time	ID	Presentation Title	Author(s)
10:00 – 10:15	2558	<b>Investigation of the Effect of Ascorbic Acid Reducing Agent Concentration on Reaction Yield and Monodispersity in Silver Nanoparticle Synthesis by Spectroscopic and Dynamic Light Scattering Methods</b>	Sudenaz Gur, Misliyna Tasti, Fethiye Ipek Ozagir, Rukiye Tasdemir, Umran Sofu, Kerim Yapici
10:15 – 10:30	2557	<b>Physicochemical Characterization of Agnp-incorporated Citric Acid Cross-linked Pva/chitosan Hydrogels for Wound Dressing Applications</b>	Murat Sancak, Rukiye Tasdemir, Umran Sofu, Kerim Yapici
10:30 – 10:45	2513	<b>Investigation of the Effect of Ascorbic Acid Reducing Agent Concentration on Reaction Yield and Monodispersity in Silver Nanoparticle Synthesis by Spectroscopic and Dynamic Light Scattering Methods</b>	Sudenaz Gur, Misliyna Tasti, Fethiye Ipek Ozagir, Rukiye Tasdemir, Umran Sofu, Kerim Yapici
10:45 – 11:00	2508	<b>Eco-friendly Organosolv Fractionation of Oil Rose Biomass for Lignin Recovery</b>	Buse Esinsel, Mustafa Karaboyaci
11:00 – 11:15	2500	<b>Effect of Hydrothermal Processing Parameters on the Optical Band Gap and Colloidal Stability of ZnO Nanoparticles</b>	Elif Sultan Teker, Hüseyin Arıkan, Sümeyra Alkis, Rukiye Taşdemir, Umran Sofu, Kerim Yapici
11:15-11:30	2473	<b>Elucidating the Role of Collaborative Innovation Networks in Shaping New Product Performance via Innovation Capabilities and Absorptive Capacity</b>	Huzaiifa Niazi, Rohan Singh
11:30-11:45	2426	<b>Adolescent's Approach TO Reproductive HEALTH</b>	Migena Prifti, Jorida Zogaj, Indrit Bimi
11:45-12:00	2577	<b>The Effect of Experimental Circadian Rhythm Disruption on Heart and Aortic Tissue in Postmenopausal Rats; the Role of Cyticoline</b>	Mustafa Saygin, İlker Gunyeli
12:00-12:15	2576	<b>An Approach to Supporting Sleep Quality in an Aging Population: Aromatherapy</b>	Mustafa Saygin, Taner ErKaymaz

**SESSION 4 · ROOM 2**

Thursday, July 2, 2026 · 13:30 – 15:30

**Session Chair:** Dr. Özlem Yılmaz Karaboyacı

Time	ID	Presentation Title	Author(s)
13:30 – 13:45	M2	<b>Functional Antimicrobial Materials in Footwear: a Review of Active Agents, Mechanisms of Action, and Foot-health Applications</b>	Özlem Yılmaz Karaboyacı, Aslıhan Tugan, Fatma Filiz Yıldırım
13:45 – 14:00	M3	<b>The Advantages of Using Textile Surfaces in Shoe Uppers</b>	Fatma Filiz Yıldırım, Aslıhan Tugan, Özlem Yılmaz Karaboyacı
14:00 – 14:15	2530	<b>An Optimized CNN Architecture for Low Latency Traffic Sign Recognition on Raspberry Pi</b>	Atilla Sunkar, Kubilay Taşdelen
14:15 – 14:30	2591	<b>Mapping The Population Distribution Of Fallow Deer (Dama Dama) Using Geostatistical Methods: The Case Of Sütçüler (Isparta) Region</b>	Mercan Kandemir, Halil Süel, Serkan Özdemir
14:30 – 14:45	2509	<b>Sustainable Recovery of Pectin from Chokeberry Pomace and Its Application in Biodegradable Active Packaging Films</b>	Irem Mulazim, Nimet Ikra Ayhopa, Sedef Aydın, Gulcan Ozkan, Ebru Aydın
14:45 – 15:00	2601	<b>Municipal Autumn Leaf Waste as an Untapped Biorefinery Feedstock</b>	Małgorzata Wzorek, Mustafa Karaboyacı
15:00 – 15:15	2602	<b>Eco-Labels and Sustainable Bleaching Practices in the Tissue Industry: Balancing Product Quality and Environmental Performance</b>	Joanna Boguniewicz-Zabłocka, Ewelina Łukasiewicz, Mustafa Karaboyacı, Iwona Kłosok-Bazan

**SESSION 4 · ROOM 2**

Thursday, July 2, 2026 · 13:30 – 15:30

**Session Chair: Dr. Alican Çıvğa**

Time	ID	Presentation Title	Author(s)
14:45 – 15:00	2564	<b>Modeling and mapping the potential spatial distribution of <i>laurus nobilis</i> l.</b>	Alican Çıvğa
15:15 – 15:30	2491	<b>Comparative Analysis of Volatile Profiles in Calabrian Pine (<i>Pinus brutia</i> Ten.) Needles Across Different Elevations</b>	Fatma Merve Nacakci, Nazlı Öğüt
15:30 – 15:45	2640	<b>Integrating Biodiversity into Forest Management Plans: An Assessment from a Sustainable Forestry Perspective</b>	Melda Dölarslan, Ebru Gül, Ahmet Acarer, Ahmet Mert
15:45 – 16:00	2641	<b>Monitoring Vegetation Cover Change for Nature-Based Desertification Mitigation Using Geospatial Evidence</b>	Ahmet Mert, Ahmet Acarer, Ebru Gül, Melda Dölarslan
16:00 – 16:15	2582	<b>Comparison of Maceration, Soxhlet, and Ultrasonic-assisted Extraction Methods for the Recovery of Phenolic Compounds from Waste Bark of <i>Pinus Brutia</i></b>	Ümit Erdoğan, Pınar Arca, Mustafa Karaboyacı
16:15 – 16:30	2578	<b>The Effect of Experimental Circadian Rhythm Disruption on Heart and Aortic Tissue in Postmenopausal Rats; the Role of Hormone Replacement Therapy</b>	Mustafa Saygin, İlker Gunyeli
16:30 – 16:45	2579	<b>Valorization of Waste Turkish Red Pine (<i>Pinus brutia</i> Ten.) Bark through Recovery of Extractive and Volatile Components: Chemical Characterization and Economic Assessment</b>	Bariş Birgül, Mustafa Karaboyacı

---

# CONFERENCE PROGRAM

---

ICONST & ICONSR 2026 · July 1–3, 2026 · Óbuda University, Budapest, Hungary

## July 1<sup>st</sup>, 2026 (Wednesday)

### **Opening Ceremony – Keleti Károly Faculty of Business and Management, Conference Hall, Óbuda University, Budapest, Hungary**

*All times are given in Budapest local time (CEST, GMT+2).*

- |             |  |
|-------------|--|
| 09:00-16:30 | <b>Conference Registration</b>   |
| 11:00-11:30 | <b>Opening Session - Welcome Speeches</b>  |
| 11:30-12:15 | <b>Prof. Dr. Bart Muys – Keynote Speaker</b><br>Department of Earth and Environmental Sciences, KU Leuven<br><i>“Climate adaptation of forests: Should we prepare for assisted migration of tree species?”</i> |

# ICONSUR — ORAL PRESENTATION PROGRAM

10th International Conference on Social Science Research · Social Sciences & Humanities

July 1–3, 2026 · Óbuda University, Budapest, Hungary

*All times are given in Budapest local time (CEST, GMT+2).*

## SESSION 1 · ROOM 5

Wednesday, July 1, 2026 · 13:30 – 15:30 · Coffee Break 15:30 – 16:00

**Session Chair:** Dr. Ayşe Durgun Kaygısız

Time	ID	Presentation Title	Author(s)
13:30 – 13:45	185	<b>The Dynamics of Green Growth in OECD Countries</b>	Ayşe Durgun Kaygısız, Hidayet Gizem Ünlü Ören
13:45 – 14:00	161	<b>Reimagining Sovereignty in the Age of Global Interdependence</b>	Nasir Mehmood, Ghulam Sarwar
14:00 – 14:15	212	<b>Social Municipalism Practices for Elderly People Living Alone: a Comparative Analysis of Selected Municipalities</b>	Ceyda Şataf
14:15 – 14:30	187	<b>Sustainable Maritime Management: the Performance Level of Green Transformation in Antalya Port</b>	Melike Arar, Aysel Nur Muslu, Beyzanur Ova, Erdal Aydemir
14:30 – 14:45	190	<b>The Role of Fair Participations in Student Development Within the Scope of University-industry Collaboration</b>	Hicret Zeynep Kutlutaş, Zeynep Mehlika Uluçam Kirbağ, Ahmet Uzun
14:45 – 15:00	182	<b>Social Media Reputation Management: the Insider Crisis and the Changing Perception of the Company</b>	Orhan Balıkçı
15:00 – 15:15	208	<b>The Effect of Coach Leadership Style on Perceived Emotional Maltreatment and Sport Commitment of Athletes: a Study on Judo Athletes</b>	Ömer Baki Ayvaz, Serdar Geri Burcu Güvendi, Nurullah Emir Ekinci, Tolga Kaan Bahadır, Hüseyin Serdar Bozat
15:15 – 15:30	199	<b>Scientific Approaches to Training Load and Periodization in Folk and Traditional Dance: a Narrative Review</b>	Ceren Ağaoğlu
15:30 – 15:45	307	<b>The Relationship Between Green Growth and Human Development Index in OECD Countries: A Dynamic Panel Analysis</b>	Ayşe Durgun Kaygısız

**SESSION 1 · ROOM 6**

Wednesday, July 1, 2026 · 13:30 – 15:30 · Coffee Break 15:30 – 16:00

**Session Chair:** Dr. Csilla Mile

Time	ID	Presentation Title	Author(s)
13:30 – 13:45	196	<b>The Sustainability Event Horizon</b>	Zoltán Bodrog, Csilla Mile
13:45 – 14:00	192	<b>Weather Effects on Electricity Price Formation in Merit-order-based Markets: a Systematic Literature Review</b>	Ákos Botos, József Fogarasi
14:00 – 14:15	202	<b>Smart Tourism, Digitalization and Sustainable Economic Growth</b>	Hidayet Gizem Ünlü Ören
14:15 – 14:30	232	<b>Religious Ethics and Sustainability. Is There a Connection, and If So, What Kind?</b>	Gábor Gyarmati
14:30 – 14:45	167	<b>Regulatory Incentives for Publicly Listed Companies’ Issuance of Green, Social and Sustainability-linked Debt Instruments: the Case of the Kingdom of Saudi Arabia</b>	Abdullah Faraj Al Dossari
14:45 – 15:00	184	<b>Dropout Context in the Relationship between Life Goals and Motor Abilities among Hungarian Law Enforcement University Students</b>	Gábor Mácsár .
15:00 – 15:15	163	<b>Mapping Publisher Structures in Arts and Humanities Journals: the Position of Hungarian Publications in Scopus (2025)</b>	Emese Lengyel
15:15 – 15:30	223	<b>Green Development and Antibacterial Performance of PLA Basalt Fiber Composites Incorporating Cu and Zn Nanoparticles</b>	Stanisław Kuciel, Karolina Ewelina Mazur, Karina Rusin-Żurek, Paulina Jakubowska, Przemysław Nosal, Denis Rodrigue

**SESSION 2 · ROOM 6**

Wednesday, July 1, 2026 · 16:00 – 18:00

**Session Chair:** Dr. Büşra Kuru Uzkuř

Time	ID	Presentation Title	Author(s)
16:00 – 16:15	160	<b>US-iran Conflict and Its Impacts on South Asia</b>	Muhammad Qamar Nawaz, Ghulam Sarwar
16:15 – 16:30	149	<b>The Role of Artificial Intelligence Technologies in Education: A Study on Literacy and Effectiveness</b>	Özlem Karabiyik
16:30 – 16:45	205	<b>Access to Social Protection Systems among Refugees: a Systematic Literature Review</b>	Büşra Kuru Uzkuř
16:45 – 17:00	151	<b>The Relationship between Cognitive Emotion Regulation and Psychological Resilience in Adults Who Stutter</b>	Esra Erol
17:00 – 17:15	211	<b>Everyday Life in the Ottoman Empire Through Foreign Eyes</b>	Melike Sarikçiođlu Ökten
17:15 – 17:30	150	<b>Lower Extremity Performance After Anterior Cruciate Ligament Injury in Amateur Soccer Players and Artificial Intelligence-based Prediction of Injury Status</b>	Görkem Açar, Sinan Seyhan
17:30 – 17:45	2617	<b>Autonomous Decision Making of the UAVS in Emergency Response: Activity Theory Perspective</b>	Alperen Mehmet Aydın
17:30 – 17:45	191	<b>Analysis of the Demographic Factors Determining Tax Fairness Perceptions of Taxpayers in Türkiye</b>	Mehmet Öksüz, Selçuk İpek, Adnan Gerçek, Mehtap Öksüz, Nilay Akbulut

**SESSION 3 · ROOM 5**

Wednesday, July 2, 2026 · 16:00 – 18:00

**Session Chair:** Dr. Hamza Kandemir

Time	ID	Presentation Title	Author(s)
16:00 – 16:15	216	<b>Transforming Customer Experience in Digital Banking: An Evaluation in the Context of Trust, Ease of Use, and Service Quality</b>	Ergin Kala
16:15 – 16:30	239	<b>Perspectives on Trade Unionization among University Employees: a Study on Academic and Administrative Staff</b>	Hamza Kandemir
16:30 – 16:45	310	<b>Reflections of Digitalization in Education on Equal Opportunity, Participation, and Learning Experience</b>	Berkan Başa
16:45 – 17:00	308	<b>John Stuart Mill’s Moral Philosophy Between The Romantic Ideal Of Individuality And The Utilitarian And Liberal Project Of Modernity</b>	Risvan Tershalla
17:00 – 17:15	230	<b>The Impact of Digitalization on the Organizational Structure of Tax Administration Offices</b>	Recep Bozkurt
17:15 – 17:30	301	<b>The Changing Role of Social Policies in the Context of the Sustainable Development Goals</b>	Ergin Kala, Murat Alkın