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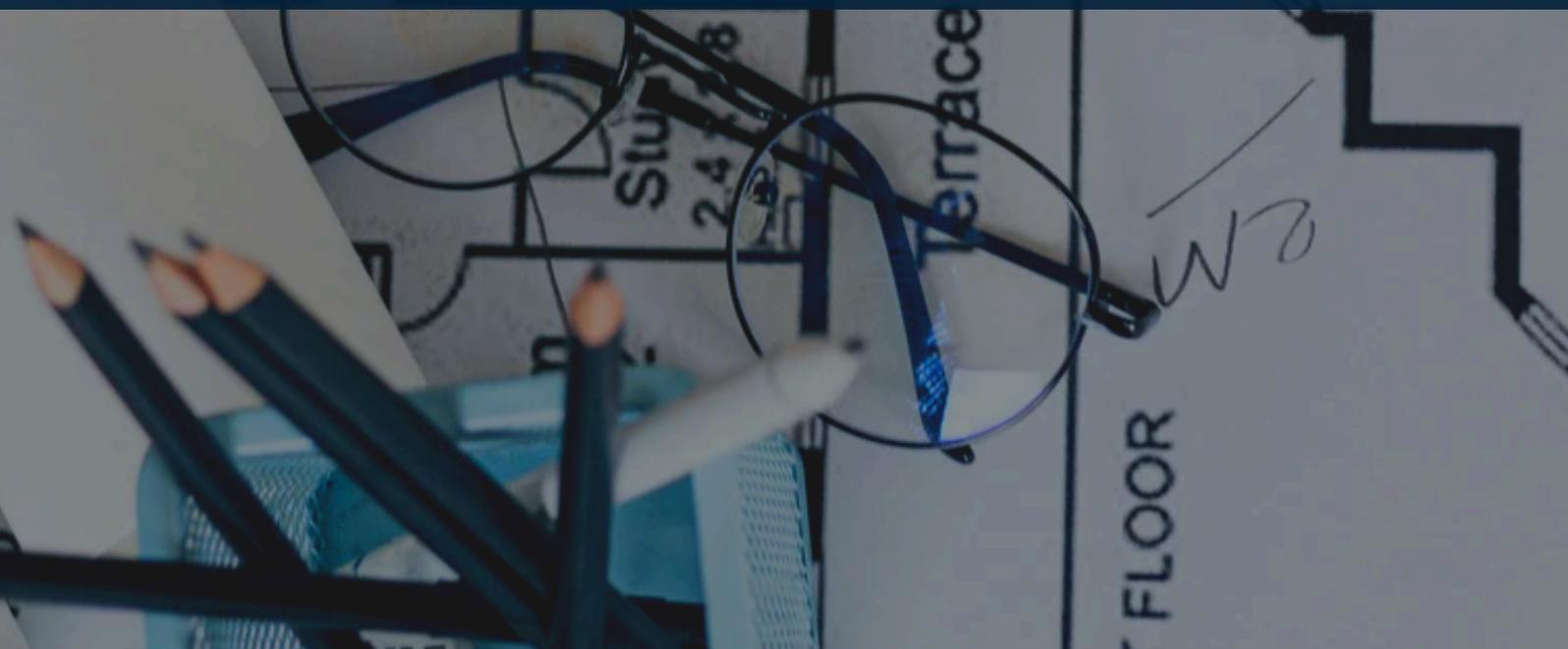
Kitchen

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ICENS & ICETI ICOEST & ICSD 2025

PROGRAM SCHEDULE

October 22-26, 2025



Oral Presentation Schedule

23.Oct.25

A. Session:

09:00 006 - Mathematical Modeling and Experimental Validation of a Non-Catalytic Ethylene Oxide Hydrolysis Reactor System - Marwan Batiha

09:10 051 - Assessing the Impact of *Prosopis juliflora* on Tick Oviposition and Survival - Nada Ahmad Assaad, Mohammed Abu-Dieyeh, Iman Saleh

09:20 050 - A Review on Conventional and Twin-Tail Configurations in Fighter Aircraft: Comparative Aerodynamic Performance - Orhan Keklikcioglu, Doguhan Aydin

09:30 026 - Enhancing Water Quality Monitoring for Early Detection of Harmful Algal Blooms - Fatma Özge ÖZKÖK

09:40 036 - Mechanical and Thermal Properties of Polypropylene-Based Composites Reinforced with Plane Tree Seed Fibers and Organoclay - Lemiye ATABEK SAVAŞ, Recep Tayyip Yiğci, Ceren Loğoğlu, Yunus Emre Gündoğar

09:50 030 - Therapeutic Promise of Skimmin Isolated from *Matricaria chamomilla* L. in Pulmonary Arterial Hypertension via TGF- β Pathway Modulation - SILA OZLEM SENER, TALAT NASIM

10:00 020 - Sustainable Soil Strength Improvement Using Agricultural Waste in Geotechnical Applications - Huseyin Kursat Celik, Tolga Tikit, Isinay E. Yuzay, Pelin Aklik

10:10 034 - The Sensitivity of Local Water Springs to Climatic and Tectonic Impacts: The Gündüzbey Spring Example - Ufuk Yukseler, O. Faruk Dursun

10:20 032 - Finite Wing Domain Size Sensitivity: Far-Field Boundary Location - Öztürk Özdemir Kanat, Umut Kaya, Yasin Ozcan

10:30 042 - Numerical Investigation of Flow Characteristics in River Bridges with Different Designs - Pinar Ozenci, Omer Faruk Dursun, Mahmut Aydogdu

10:40 033 - Comparison of VTOL Concepts in Terms of Aerodynamics, Structural Characteristics, and Mission Suitability - Öztürk Özdemir Kanat, Yasin Ozcan, Umut Kaya

10:50 037 - 2-D Sedimentary Thickness Modeling of the Sinanpaşa Basin using Gravity Data Inversion - Fatma Figen Altinoğlu

11:00 038 - Quantitative Estimation of Source Depth in Self-Potential Anomalies of Simple Geometric Bodies - Erdiç Öksüm

B. Session

11:20 022 - Evaluating User Experience and Dataspace Integration in a Virtual Reality Cultural Heritage Applications - Selma Rizvic, irfan Prazina, BOJAN MIJATOVIC, Dusanka Boskovic, Stefan Kohek, Domen Mongus

11:30 047 - EMI Analysis of Çuk Converters Used in Photovoltaic Systems - Mehmet Can SEKANLI, Mert ÖPÖZ, SAMET YALÇIN, OKAN BİNGÖL

11:40 048 - L-type DGS Decoupling Mechanism Design for 5G MIMO Antenna Systems - Tuğberk Akpınar, Elif Merve Küçüköner

11:50 023 - Mixed Convection Heat Transfer Investigation in a Vertical Duct Having Heated Trapezoidal Obstacles Employing Nanofluid of CuO-Water - Koray KARABULUT, YELİZ ALNAK

12:00 046 - Simulation-Based Comparative Analysis of Non-Isolated DC-DC Converters for Photovoltaic Systems - Mehmet Can SEKANLI, Mert ÖPÖZ, SAMET YALÇIN, OKAN BİNGÖL

12:10 012 - Energy Performance Assessment of Low-GWP R32/R1234yf Blends for Heat Pump Applications - Vedat Oruç, Atilla G. Devecioglu

12:20 045 - A Meshfree Approach to Beam and Plate Structures: Element-Free Galerkin Implementation with Gauss Quadrature - Yakup Hakan Aydın, MUHSİN GOKHAN GUNAY

12:30 010 - Estimation of Optimum Insulation Thickness for the Buildings in Different Climate Zones of Türkiye - Atilla G. Devecioglu, Vedat Oruç

12:40 054 - Clustering European Islands Based on Renewable Energy and Environmental Features - Mustafa Ozan Ozkok

C. Session

13:30 846 - Sustainability value segmentation at music festivals - Briony Whitaker

13:40 854 - Proposal for a World Energy Stock Balance Sheet - Michael Bosch

13:50 849 - Probiotics in Aquaculture: A Pathway to Sustainability - FELIX ACOSTA ARBELO, ANTONIO GOMEZ-MERCADER, JIMENA BRAVO GARCÍA, LUIS MONZON ATIENZA

14:00 851 - Diagnosing Co-Housing: A New Evaluation Model (CHDSM) across Global North and South Contexts - Çağla Ercanlı

14:10 859 - Sustainability Goal Adoption in Global Transport sector - Evgenia Anagnostopoulou

14:20 852 - Spatiotemporal Assessment of Desertification Dynamics in Anbar, Iraq Using Remote Sensing and Time Series Modeling - Iqbal Obaid Lafta

14:30 018 - Investigation of the Risks of Neglecting Vertical Earthquake Effects in Masonry Buildings within the Scope of TBEC-2018 - KAMRAN SAMADI, MEHMET FIRAT KARAPINAR, BARIS SAYIN

14:40 040 - The evaluation of the strengthening methods on the seismic performance of a masonry building with insufficient seismic performance - Baris Gunes, Muhammed Akgül, Ümit Hafo, Baris Sayin

14:50 043 - The evaluation of the effects of repair/strengthening methods on the seismic performance of a reinforced concrete bridge with structural deficiencies - MUHAMMED AKGÜL, BARIŞ GÜNEŞ, NECATI DOĞAN, ALİ EROL, BARIŞ SAYIN

D. Session

15:20 021 - Comparative Performance of Shear Wall Addition and Base Isolation for the Seismic Retrofitting of Mid-Rise RC Buildings - Mehmet Firat Karapinar, Kamrana Samadi, Baris Sayin

15:30 015 - Numerical Investigation of Submerged Vanes on Discharge Distribution at Open-Channel Bifurcations - Firat Gumgum

15:40 041 - Seismic performance assessment of the reinforced-concrete buildings subjected to structural and architectural modifications - Muhammed Akgül, BARIŞ GÜNEŞ, BURAK AKALIN, BARIS SAYIN

15:50 044 - The seismic performance assessment of reinforced-concrete bridges with pile foundation, using a nonlinear time-history analysis and deformation-based method - BARIŞ GÜNEŞ, MUHAMMED AKGÜL, ALİ EROL, NECATI DOĞAN, BARIS SAYIN

16:00 1035 - Assessment of the Feasibility of the International Maritime Organization (IMO) Greenhouse Gas Strategy and the Adaptability of Maritime Nations - HASAN BORA USLUER

16:10 1026 - POSITIVE EFFECTS OF DEVELOPMENTS IN THE IT SECTOR ON THE COMMERCIAL RELATIONS AND ENVIRONMENTAL ACTIVITIES OF MARITIME BUSINESSES - Tayfun ACARER

16:20 1031 - PHYSIOLOGICAL AND BIOCHEMICAL RESPONSES OF RAPHANUS SATIVUS PLANTS TO ABIOTIC STRESS - Flavia Bortes, LUCIAN COPOLOVICI, CRISTIAN MOISA, ANDREEA LUPITU, DANA COPOLOVICI

16:30 1027 - Quantifying black carbon emissions using non-instrumental methods: a framework applied to coast guard fleet in the philippines - Janine Tubera Guevarra, Kyoungrean Kim

16:40 1032 - IMPACT OF ABIOTIC STRESS ON BIOACTIVE COMPOUNDS AND ANTIOXIDANT CAPACITY IN GALIUM AND HELICHRYSUM - Flavia Bortes, LUCIAN COPOLOVICI, CRISTIAN MOISA, ANDREEA LUPITU, DANA COPOLOVICI, MARIA COJOCARU-TOMA, ANGELICA OHINDOVSKI, MIHAELA NARTEA

E. Session

17:10 1033 - BIO-HEAT TRANSFER IN CANCER TREATMENT USING RADIOTHERAPY AND HYPERTHERMIA -A GENERAL MATHEMATICAL SOLUTION OF PENNES' BIO-HEAT EQUATION USING MONTE CARLO SIMULATION- Tuka Fattal

17:20 1034 - Optimizing Energy Consumption in Plastic Recycling: "A Variable Sensitive Approach Using Monte Carlo Simulation and Heat Map Analysis" - Birmur Bozdoğan

17:30 748 - Biodegradability of gift-wrapping papers: A comparison of different materials in the context of environmental sustainability - Ivana Plazonić, Ivana Čubela, Iva Kvesić

17:40 749 - Analysis of the quality of packaging prints obtained with four different black inks on metallised substrates - Irena Bates, Ivana Plazonić, Maja Rudolf, Dino Priselac

17:50 745 - Enhancing Thermal Efficiency of Panel Radiators through Turbulence-Inducing Modifications in Water Channels - Unut Ucak, Cislil Timuralp

18:00 750 - Mechanical stability of different black inks printed on packaging paper with a metallised surface - Maja Rudolf, Irena Bates, Ivana Plazonić, Dino Priselac

18:10 747 - K-Nearest Neighbors as a Transparent Baseline for Automated EEG Sleep Staging - Ahmet Sertol Köksal

	A	B
1	Poster Presentation Schedule	
2	23.Oct.25	
3	A. Session - Poster Presentations (11:00 - 13:00)	
4	744 - Estimating the Number of Contributors in a DNA Mixtures using Machine Learning: A Review - Simona Nikolovska, Marija Nikolovska, Ana Cholakoska Cilakova, Danijela Efnusheva, Bojana Velichkovska	
5	002 - Batch rectification of multicomponent mixtures in closed mode of operation - Adnan Hadzihasanovic, Muhamed Bijedic	
6	031 - Sustainable production of maleic anhydride: minimizing by-product formation in industrial fixed-bed tubular reactor - Ervin Karić, Ivan Petric, EDINA IBRIĆ, MAIDA SMAJLOVIĆ, MARIJANA MARKOVIĆ, Maida Kuduzović, Emir Suljaković, ERMIN MUJKIĆ	
7	024 - Reservoir-Type Gas Storage Production: Fast Prediction Using Integrated Reservoir-Wellbore Surrogate Models - Wenbo Jiang, Guoqing Han, Jin Shu, Zhenduo Yue, Xingyuan Liang, Guangzu Wang	
8	039 - Hybrid Model Integrating Data-Driven and Semi-Analytical Approaches: Optimizing Water Control Completion in Bottom-Water Reservoirs with Unconventional Wells - Zhenduo Yue, Guoqing Han, Jin Shu, Xin Wang, Wenbo Jiang, Junjian Li	
9	056 - Microplastics In Insects: A Review on Uptake, Impacts, and Environmental Implications - Nada Ahmad Assaad, Fatima Alkhayat, Veerasingam Subramanian, Sankaran Rajendran, Talaat Ahmed	
10	019 - Method for Near-Wellbore Control Region Delineation in Tight Gas Reservoirs Based on Neural ODE Surrogate Modeling - Wenbo Jiang, Guoqing Han, Jin Shu, Zhenduo Yue, Xingyuan Liang, Guangzu Wang	
11	008 - LIFE CYCLE CARBON FOOTPRINT OF A 1 MW PV PLANT IN BOSNIA AND HERZEGOVINA - Nurin Zecevic, Lejla Pajt, Azrudin Husika	
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