

13 MAY 2026 MORNING POSTER SESSION — 09.00–12.30 — 67 POSTERS

Poster No.	Board No.	Side	Theme	Abstract Title	Presenting Author	Institution	Abstract No.
<b>► 1. Life Sciences &amp; Biotechnology</b>							
M-001	B01	A (front)	1. Life Sciences & Biotechnology	In Silico Analysis of Mitochondrial Transcription Genes in Breast Cancer	Seydeh Arghavan Amini	Istanbul Technical University	3633
M-002	B01	B (back)	1. Life Sciences & Biotechnology	Epitranscriptomic Writers in Oncology: Pan-Cancer Multi-Omics Profiling of the METTL Superfamily	Ayşe Nur Yeşilbaş	Istanbul Technical University, Faculty of Science and Letters, Department of Molecular Biology and Genetics, Türkiye	4566
M-003	B02	A (front)	1. Life Sciences & Biotechnology	Hydrophobic Modification of Shrimp Shell-Derived Chitosan and Chitosan-Collagen Films Using Fungal Spores and Evaluation of Their Toxicity	Rümeysa Özgecan Çıto	Istanbul Technical University	3155
M-004	B02	B (back)	1. Life Sciences & Biotechnology	(In Silico) Discovery and (In Vitro) Validation of Antimicrobial Peptides	Ahmed Velit Abuden	Istanbul Technical University	7088
M-005	B03	A (front)	1. Life Sciences & Biotechnology	Ecological Niche Modelling of Invasive Alien Species in Türkiye: An Ensemble Approach Under Current and Future Climate Scenarios	Eren Zaman	Istanbul Technical University/Eurasia Institute of Earth Sciences, Climate and Marine Sciences, Earth System Science, Türkiye	1473
M-006	B03	B (back)	1. Life Sciences & Biotechnology	Thaumatococcus as a Sweet Protein Alternative for Sugar Reduction in Chocolate Pudding: Effects on Sensory Profile and Physicochemical Properties	İpek ÇÖMLEKÇİ	Istanbul Technical University	4547
M-007	B04	A (front)	1. Life Sciences & Biotechnology	Machine Learning Modelling of Apricot Ripening Based on Physicochemical Parameters	Batuhan Inanlar	Istanbul Technical University Food Engineering Department	8045
M-008	B04	B (back)	1. Life Sciences & Biotechnology	Investigation of the Structural and Bioactive Properties and Antioxidant Capacities of Cow and Coconut Milk Kefirs Supplemented with Olive Leaf	PINAR DİBKAYA	İSTANBUL TECHNICAL UNIVERSITY	8119
M-009	B05	A (front)	1. Life Sciences & Biotechnology	Exploring Links Between Campus Nature Interaction, Ecological Awareness, and Student Well-Being	Ela Gözeger	Istanbul Technical University/Eurasia Institute of Earth Sciences	2942
M-010	B05	B (back)	1. Life Sciences & Biotechnology	Evolutionary Engineering of Catechol Stress-Resistant ( <i>Saccharomyces cerevisiae</i> ) Strain	Esra Turan	Istanbul Technical University, Graduate School, Department of Molecular Biology-Genetics and Biotechnology, Türkiye	6235
M-011	B06	A (front)	1. Life Sciences & Biotechnology	Sustainable H <sub>2</sub> Generation via NaBH <sub>4</sub> Methanolysis Using Silane-Immobilized <i>Candida antarctica</i> Lipase as a Metal-Free Biocatalyst	Sema Taranacı	Istanbul Technical University, Department of Molecular Biology, Genetics and Biotechnology, Istanbul, Turkey	8562
M-012	B06	B (back)	1. Life Sciences & Biotechnology	Characterization of { <i>Bacillus atrophaeus</i> } Exopolysaccharides Under Different Growth Conditions	Gül Nezihe Uçuk	Istanbul Technical University	4835
M-013	B07	A (front)	1. Life Sciences & Biotechnology	Investigation of the Effect of SSU1 Gene Mutation on Sulfur Dioxide Tolerance by CRISPR/Cas9-Mediated Genome Editing in the Model Organism <i>Saccharomyces cerevisiae</i>	Rümeysa Şentürk	Istanbul Technical University, Graduate School, Department of Molecular Biology - Genetics and Biotechnology	5219
M-014	B07	B (back)	1. Life Sciences & Biotechnology	Optimization and Development of E. coli-Based Cell-Free Expression Systems for High-Yield Protein Synthesis	Yaşar Yurtsever	İSTANBUL TECHNICAL UNIVERSITY	5823
M-015	B08	A (front)	1. Life Sciences & Biotechnology	Development of Next Generation ( <i>Bacillus subtilis</i> ) Based Probiotics	Dilan Ergün	Istanbul Technical University	6443
M-016	B08	B (back)	1. Life Sciences & Biotechnology	Co-culture of <i>Chlorella vulgaris</i> and <i>Bacillus subtilis</i> for Enhanced Biomass and Metabolite Production	İrem Olgun Acar	Istanbul Technical University, Graduate School, Molecular Biology - Genetics and Biotechnology Program, Türkiye	7099
M-017	B09	A (front)	1. Life Sciences & Biotechnology	Integrated Genomic and Experimental Characterization of a Surfactin Producing Bacterial Isolate from Agricultural Soil	Ezgi Koman	Istanbul Technical University	8858
M-018	B09	B (back)	1. Life Sciences & Biotechnology	A Single-cell RNA Sequencing Meta Analysis of the Tumor Microenvironment in Gastric Cancer Correa Cascade	Merve Havlucu	Istanbul Technical University, Graduate School, Molecular Biology - Genetics and Biotechnology Program, Türkiye	1672
M-019	B10	A (front)	1. Life Sciences & Biotechnology	Surface-Dependent Adsorption of Lipid Vesicles on Gold, Silica and Titanium Sensors Investigated by QCM-D	Berna TÜFEKÇİ	Istanbul Technical University, Graduate School, Molecular Biology - Genetics and Biotechnology Program, Türkiye	1090
M-020	B10	B (back)	1. Life Sciences & Biotechnology	Production Optimization of Silver Nanoparticles Using Recombinant Laccase Tplcc3 from ( <i>Trametes polyzona</i> )	Ayfer Dilara Bayezit	Istanbul Technical University, Dr. Orhan Öcalıgray Molecular Biology, Biotechnology and Genetics Research Centre	1885
M-021	B11	A (front)	1. Life Sciences & Biotechnology	Determining The Energetics Of Upstream Base Pairing During The Template Translocation In Telomerase Enzyme Using Umbrella Sampling Method	Ahmet Güveli	Lisansüstü Eğitim Enstitüsü	5688
M-022	B11	B (back)	1. Life Sciences & Biotechnology	The Impact of Estrogen Deficiency on Dopaminergic Neurodegeneration and L-Dopa-Induced Dyskinesia	Buse Pınar Cankurtaran	Çanakkale Onsekiz Mart University, Institute of Graduate Studies	6668
M-023	B12	A (front)	1. Life Sciences & Biotechnology	Recovery of bioactive phenolic compounds from spent coffee ground using green extraction	Elif Sena Ugur	Istanbul Technical University	1675
<b>► 2. Chemistry &amp; Polymers</b>							
M-024	B12	B (back)	2. Chemistry & Polymers	Development of ocellular Cross-linked Injectable Hydrogels Based on Oxidized Pectin-Gelatin for Soft Tissue Repair	Seda Nur Vardı	Istanbul Technical University Chemical Engineering Department	3535
M-025	B13	A (front)	2. Chemistry & Polymers	Development Of A Green-Synthesized Quantum Dot-Functionalized Biocompatible Hydrogel With Antibacterial and Wound Healing Properties	Gülben Duman	Istanbul Technical University, Department of Molecular Biology-Genetics and Biotechnology, Türkiye	4253
M-026	B13	B (back)	2. Chemistry & Polymers	Development of Phase Change Material Composites Based on Polyurethane Foam	Reva Bayraktar	Department of Chemistry	3314
M-027	B14	A (front)	2. Chemistry & Polymers	Synthesis and Characterization of Novel Imine-Benzoxazine Networks via One-Pot Method	Ceyda Akın	Department of Chemistry, Istanbul Technical University, Faculty of Science and Letters, Istanbul, Turkey.	5721
M-028	B14	B (back)	2. Chemistry & Polymers	Effect of Vanadium Doping on Electrochemical and Optical Properties of P3HT Thin Films	Sinem Nergiz Seyhan Guguk	Istanbul Technical University, Graduate School, Nanoscience and Nano Engineering Department	8679
M-029	B15	A (front)	2. Chemistry & Polymers	Design Of Polysaccharide-Based Double-Network Beads Of Crosslinked Poly(Tertiary Amine)s With Tailored Properties	Zeynep Ülker	Istanbul Technical University	6839
M-030	B15	B (back)	2. Chemistry & Polymers	Design and Rheological Optimization of Low-Viscosity PBS-Based STFs for Earthquake Damping Systems	Eslem Güleç	Istanbul Teknik Üniversitesi	1174
M-031	B16	A (front)	2. Chemistry & Polymers	Design and Evaluation of Bile Acid and Glycopolymer Based Polymeric Carrier Systems for Therapeutic Delivery Applications	Zeynep OKAN	Istanbul technical University	4543
M-032	B16	B (back)	2. Chemistry & Polymers	Effect of Borate Ester Incorporation on the Reaction Behavior and Physical Properties of Rigid Polyurethane Foams	Defne Bilen	Istanbul Technical University	5372
M-033	B17	A (front)	2. Chemistry & Polymers	Investigation of the Photocatalytic Efficiency of a Quaternary Amine-Functionalized Zinc Phthalocyanine (Q-DMAPZnPc) Derivative in Aqueous PET-RAFT Polymerization	Ayşenur Köse	Istanbul Technical University, Faculty of Science and Letters	8318
M-034	B17	B (back)	2. Chemistry & Polymers	Water-Based Polyurethane Dispersions and Their Textile Applications	Ezgi Topcu Gürbüz	Istanbul Technical University	8327
M-035	B18	A (front)	2. Chemistry & Polymers	Olive Pomace as a Bio-Based Char-Forming Additive in Rigid Polyurethane Foams for Enhanced Flame Retardancy	Selman Efe	Istanbul Technical University, Department of Polymer Science and Technology	1195
<b>► 3. Materials Science</b>							

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Poster No.	Board No.	Side	Theme	Abstract Title	Presenting Author	Institution	Abstract No.
M-036	B18	B (back)	3. Materials Science	Characterization of Gas Inclusions, Bubbles, Defect in Glass Products Using Raman Spectroscopy	Ahmet Salih Sürel	Istanbul Technical University	8020
M-037	B19	A (front)	3. Materials Science	Processing Optimization and Crystallization Behavior of Therapeutic-Ion-Doped 13-93B3 Borate Glasses	Caner Aslan	Istanbul Technical University	1232
M-038	B19	B (back)	3. Materials Science	Synthesis and Characterization of LVP Cathode Material for Lithium-Ion Batteries	Asiřah Lüleci	Istanbul Technical University	3695
M-039	B20	A (front)	3. Materials Science	Influence of Lithium Source on Crystal Structure and Electrochemical Performance of Ni-Rich Core–Shell NMC Cathodes	Gülgün Zehra řenyurt	Istanbul Technical University	8695
M-040	B20	B (back)	3. Materials Science	Fabrication of Porous Copper Current Collectors for Lithium-Ion Batteries	Fatma Sena Elmali	Istanbul Technical University	9048
M-041	B21	A (front)	3. Materials Science	Deposition of Cold Sprayed Aluminum on CYSZ Thermal Barrier Coatings for Protection Against CMAS and Molten Salt Corrosion	Uğurata Yılmaz	Istanbul Technical University, Department of Metallurgical & Materials Engineering, Istanbul, Türkiye	1572
M-042	B21	B (back)	3. Materials Science	Synthesis and characterization of YCuFe layered double hydroxide	İlayda Mazlum	Department of Nanoscience and Nanoengineering, Istanbul Technical University, Istanbul 34469, Türkiye	3324
M-043	B22	A (front)	3. Materials Science	Direct Recycling of NMC811 Cathode Active Materials from Production Scrap via Thermal Pretreatment and Solid-State Relithiation	Yiğit Bürümlü	Istanbul Technical University	4688
M-044	B22	B (back)	3. Materials Science	Estimation Of Structural Waste In Urban Transformation Areas: The Case Of Soğanlı, Bursa	Cengiz Ařkın	Istanbul Technical University	4815
M-045	B23	A (front)	3. Materials Science	Advancing Sustainable Lithium-Ion Batteries with Nanocellulose: Green Production and Applications in Nickel-Rich Cathodes	Mehmet Yılmaz	Istanbul Technical University	5594
M-046	B23	B (back)	3. Materials Science	Microstructural Characterization and Hardness Enhancement of Pack-Aluminized Zirconium 702	Ömer Faruk ATAK	Istanbul Technical University, Graduate School, Material Science and Engineering Programme, 34469 Sarıyer, Istanbul, Türkiye	1278
<b>► 4. Earth Sciences, Energy &amp; Physics</b>							
M-047	B24	A (front)	4. Earth Sciences, Energy & Physics	Investigation of Changes in Snowfall over Istanbul	Ece Çay	Istanbul Technical University	3781
M-048	B24	B (back)	4. Earth Sciences, Energy & Physics	Determination of Phase Transitions Between Polarization and Consensus Regimes Using a Langevin-Type Microscopic Model	Eren Göçmen	Istanbul Teknik Üniversitesi	2227
M-049	B25	A (front)	4. Earth Sciences, Energy & Physics	Effects of Edge Geometry, Width, and Spin-Orbit Coupling on the Electronic and Magnetic Properties of Boron Nitride Nanoribbons	Ömer Nevzat KÖSEBAY	Graduate School, Istanbul Technical University, 34469 Istanbul, Türkiye	2382
M-050	B25	B (back)	4. Earth Sciences, Energy & Physics	Chameleon and Vainshtein Mechanisms	Özgür Toprak řahin	Istanbul Technical University	3201
M-051	B26	A (front)	4. Earth Sciences, Energy & Physics	Investigation and Modeling of the Addition of Silicon at Different Concentrations to Lithium-ion Batteries	Zülat Hatice Kahraman	ITU Energy Institute	6837
M-052	B26	B (back)	4. Earth Sciences, Energy & Physics	Assessment of Punch Penetration Indices from Point Load Test Data	Fırat Turgut	Istanbul Technical University	2131
M-053	B27	A (front)	4. Earth Sciences, Energy & Physics	Symbolic Analysis of Newman-Penrose Formalism in Local Coordinates	Selinay Sude Binici	Istanbul Technical University	9126
M-054	B27	B (back)	4. Earth Sciences, Energy & Physics	Principles of Stability and Support Modeling for Sustainable Production in Underground Mining	Emir Demirel	Istanbul Technical University / Graduate School, Mining Engineering Program, Istanbul, Türkiye	7493
M-055	B28	A (front)	4. Earth Sciences, Energy & Physics	Unveiling the Atmospheric Forcings Driving the Development of Mediane Zorbas through an Integrated Moisture Transport Approach	Büşra Öztürk	Istanbul Technical University	9219
<b>► 5. Computing, Control &amp; Automation</b>							
M-056	B28	B (back)	5. Computing, Control & Automation	Comparison of AI-Assisted and Manual Production Processes in 3D Game Visualization in Terms of Efficiency and Player Experience	Ceyda Akbulut	Istanbul Technical University	2176
M-057	B29	A (front)	5. Computing, Control & Automation	Investigating Protein-Ligand Binding Affinity: Comparative Model Evaluations, Descriptors, and Data Strategies	Abdükerim Mustafa Demir	Istanbul Technical University	4820
M-058	B29	B (back)	5. Computing, Control & Automation	A Metabolism-Oriented Multi-omics Network Framework For Simulating Personalized Drug Effects	Utku Sabri Kaya	Istanbul Technical University	8753
M-059	B30	A (front)	5. Computing, Control & Automation	Design and Simulation of a Fault Tolerant Control System for the Generic Transport Model under Structural Failure Conditions	Muhammed Emre Ünal	Istanbul Technical University	4814
M-060	B30	B (back)	5. Computing, Control & Automation	Optimization-Aided Frequency-Domain Loop Shaping for Longitudinal Control of an F-16 Aircraft	Beyzanur Kalaycı	Istanbul Technical University	8589
M-061	B31	A (front)	5. Computing, Control & Automation	Human Benchmarking in Game Design: A Study on Probability Reasoning	Umut Ulusoy	Istanbul Technical University	1002
M-062	B31	B (back)	5. Computing, Control & Automation	Model-Based Estimation of Longitudinal Velocity Error and Steering Rudder Bias in AUVs	İzzet Akkuş	Istanbul Technical University	6655
M-063	B32	A (front)	5. Computing, Control & Automation	SOLSTICE: Second-Order Local Surrogate Training for Interpretable Control Extension	Murat Furkan Mansur	AI and Intelligent Systems Laboratory, Istanbul Technical University	3271
M-064	B32	B (back)	5. Computing, Control & Automation	High Performance Unsupervised Multivariate Time-Series Anomaly Detection	Artun Burak Meçik	Department of Computer Engineering, Istanbul Technical University	2029
M-065	B33	A (front)	5. Computing, Control & Automation	Comparative Performance Analysis of DIWA, MPPI, and RPP Local Planners for Autonomous Mobile Robot Navigation in ROS2	Bekir Taha Alver	Istanbul Technical University	1503
M-066	B33	B (back)	5. Computing, Control & Automation	An AI-Based Multi-Layer System for Identifying and Distinguishing Legal and Illegal Online Gambling Websites in Türkiye	Erdem Sezgin	Istanbul Technical University/Informatics Institute, Department of Cybersecurity Engineering and Cryptography	3221
M-067	B34	A (front)	5. Computing, Control & Automation	The LLM-as-Teacher Paradigm: Vulnerabilities in Cybersecurity Knowledge Distillation	Oğuzhan Salman	Istanbul Technical University	7963
M-068	B35	B (back)	6. Aeronautics & Space	Inverse Design of Wall Shape from Prescribed Shock in 2D Supersonic Flow Using Curved Shock Theory	Turan Karabel	Istanbul Technical University	7026

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Poster No.	Board No.	Side	Theme	Abstract Title	Presenting Author	Institution	Abstract No.
<b>► 6. Aeronautics &amp; Space</b>							
A-001	B01	A (front)	6. Aeronautics & Space	Topology Optimization in FDM Considering Anisotropic Material Condition, Infill Angle and Contour Thickness	Eren Çelik	Istanbul Technical University	2437
A-002	B01	B (back)	6. Aeronautics & Space	Addressing Data Sparsity in Aircraft Predictive Maintenance via CFG-Driven Diffusion Models	Fulin Sezenoğlu Çetin	Istanbul Technical University	1416
A-003	B02	A (front)	6. Aeronautics & Space	A Comparative Study of Conventional Look-Up Tables and Artificial Neural Networks for Aircraft Performance Modeling	Şevval Başak Akçay Sağlık	Istanbul Technical University, Department of Aeronautical and Astronautical Engineering, Master of Science Aeronautical and Astronautical Engineering Program, Türkiye	7584
A-004	B02	B (back)	6. Aeronautics & Space	Phase Based Fuel Flow Estimation Using Gaussian Process Regression on Flight Data	Fatma Zehra Odabaş Çanakçı	Istanbul Technical University, Department of Aeronautical and Astronautical Engineering, Master of Science Aeronautical and Astronautical Engineering Program, Türkiye	8857
A-005	B03	A (front)	6. Aeronautics & Space	Reinforcement Learning for Autonomous Escort, Corridor Cleaning, and Weapon-Target Assignment in Contested MUM-T Missions	Serdar Gökdemir	Istanbul Technical University	2276
A-006	B03	B (back)	6. Aeronautics & Space	Development of a 6-DoF Multibody Dynamics Solver for Cost-Effective Mechanical Simulations	Gökay Semih Demirci	Istanbul Technical University	6390
A-007	B04	A (front)	6. Aeronautics & Space	Communications System Design of LEO Constellation for In-Flight Connectivity	Kevsar Soydal	National Defence University	2832
A-008	B04	B (back)	6. Aeronautics & Space	Numerical Comparison And Validation Of Passive Control Methods For Open Cavity Flow In The Transonic Region	Berke Haznedaroğlu	Istanbul Technical University	3667
A-009	B05	A (front)	6. Aeronautics & Space	Development of a Physics-Informed Neural Network (PINN) Based Digital Twin for Two-Dimensional Laminar Jets	Yusuf Bahadır Yılmaz	Istanbul Technical University	5961
A-010	B05	B (back)	6. Aeronautics & Space	Numerical Investigation of Heat Transfer Enhancement in Forced Convection Heat Sinks Using Various Fin Configurations	Ali Onur Apaydın	Istanbul Teknik Üniversitesi	8572
A-011	B06	A (front)	6. Aeronautics & Space	Aircraft Avionics Rack Structures: Multi-Criteria Design Approach Under Static and Modal Loading	Mustafa Furkan Bozuntu	Istanbul Technical University, Faculty of Aeronautics and Astronautics, Department of Aeronautical and Astronautical Engineering, Turkey	1469
A-012	B06	B (back)	6. Aeronautics & Space	Comparative Buckling Analysis and Structural Optimization of Stiffened Aerospace Panels: Aluminum vs. Composite	Sena Aslan	Istanbul Technical University	2473
A-013	B07	A (front)	6. Aeronautics & Space	Buckling Analysis of Perforated Composite Plates Using the Finite Element Method	Özgecan Pazarçeviren	Istanbul Technical University	7362
A-014	B07	B (back)	6. Aeronautics & Space	Numerical Mapping of Failure Mode Transitions in Layered Graded Aluminum Honeycomb Sandwich Panels Under Blast Loading	OKAN MADEN	Istanbul Technical University, Department of Aeronautics and Astronautics, Istanbul, Türkiye	8006
A-015	B08	A (front)	6. Aeronautics & Space	Development of an AeroThermoElastic Coupled Computational Analysis Framework for Supersonic Vehicles	Abdullah Barakat	Istanbul Technical University	5687
<b>► 7. Mechanical &amp; Systems Engineering</b>							
A-016	B08	B (back)	7. Mechanical & Systems Engineering	Weight Optimization of Monolithic Composite Ribs in an Aircraft Wingbox Using Genetic Algorithms	Cenk Akkaya	Istanbul Technical University	7205
A-017	B09	A (front)	7. Mechanical & Systems Engineering	An Investigation of MPC-Based Control Strategies for an Identified Fixed-Wing Aircraft Model	MURAT İLKER	Istanbul Technical University, Mechanical Engineering Department, System Dynamics and Control Program	7666
A-018	B09	B (back)	7. Mechanical & Systems Engineering	Modeling Crack Propagation in Brittle Plates with Holes Using the Nonlocal Operator and Phase-Field Methods	Beyza Erden	Graduate School, Istanbul Technical University	5795
A-019	B10	A (front)	7. Mechanical & Systems Engineering	Physics-Based Transient Modeling of an Open-Loop Gas Turbine Bearing Cavity Coupled with Injector Cooling	Doğaç Çiğdem	Istanbul Technical University	6987
A-020	B10	B (back)	7. Mechanical & Systems Engineering	Fuzzy Logic Based Active Grill Shutter Control For Heavy-Duty Vehicles	Rasim Berke Boyuneğmez	Istanbul Technical University	2308
A-021	B11	A (front)	7. Mechanical & Systems Engineering	Experimental Investigation of the Effects of Operational Parameters on the Performance of Friction Stir Welding for Dissimilar Al-Cu Joints	BAŞAK DİKEN	Istanbul Technical University	6264
A-022	B11	B (back)	7. Mechanical & Systems Engineering	Machine Learning-Based Prediction of Mechanical Properties in Polymer Nanocomposites	Dilan Celik	Istanbul Technical University	8084
A-023	B12	A (front)	7. Mechanical & Systems Engineering	Structural Efficiency Analysis of Various Frame Cross-Sections in Thin-Walled Aerospace Panels Under Constant Mass Constraints	Günay Maltaş	Istanbul Technical University	1449
<b>► 8. Electrical &amp; Electronics</b>							
A-024	B12	B (back)	8. Electrical & Electronics	Preliminary Dataset Generation for AI-Based Temperature Prediction in Bioheat Transfer Applications	Ali SELEN	Istanbul Technical University	8217
A-025	B13	A (front)	8. Electrical & Electronics	Architectural Modernization of F-16 Electrical Power Distribution System	Enes Müjdecı	Istanbul Technical University	1782
A-026	B13	B (back)	8. Electrical & Electronics	Modernization of the Cessna 172S Electrical System: SWaP-C and Reliability Optimization with Discrete-Controlled SSPCs	Fatih AKKAYA	Istanbul Technical University	1846
A-027	B14	A (front)	8. Electrical & Electronics	Multi-Objective Design Optimization of an Interior PMSM for Modern Aerospace Applications	Bahaddin Gökşun	Istanbul Technical University	2393
A-028	B14	B (back)	8. Electrical & Electronics	Battery Management System (BMS) Testing for High Precision and Isolated Battery Pack Emulator Design	Namık Berk Yalabık	Istanbul Technical University	3434
A-029	B15	A (front)	8. Electrical & Electronics	Comparative Analysis of PWM Switching Strategies on Torque Ripple and Current Efficiency in Low-Inductance BLDC Motors	Sefa İlhan	Istanbul Technical University	6493
A-030	B15	B (back)	8. Electrical & Electronics	Contributions to the Special Purpose LLC Resonant Converter Design for National Air, Naval, and Land Military Platforms	Faik Bedirhan Ersoy	Istanbul Technical University/ Graduate School, Department of Electrical Engineering, Electrical Engineering Master's Program, Türkiye	7238
A-031	B16	A (front)	8. Electrical & Electronics	Long-Term Hydrogen Supply Chain Design and Optimization for Sustainable Energy Supply	Yiğit Çakıroğlu	Istanbul Technical University	8556
A-032	B16	B (back)	8. Electrical & Electronics	Towards Detection and Classification of Vibration Generating Objects With Distributed Acoustic Sensing Around Railway Lines	Ahmet Hilmi Boztepe	Istanbul Technical University	2709
A-033	B17	A (front)	8. Electrical & Electronics	Effect of Colored Noise Jamming on Moving Target Indication Filter Performance in Pulse Doppler Radars	Süleyman Kaan ÇETİN	AESLAN	9036
<b>► 9. Civil, Earthquake &amp; Transportation</b>							
A-034	B17	B (back)	9. Civil, Earthquake & Transportation	Study Of The Interior Use Potential Of Nebiyan Gabbro	Saime Beyza Çiftçi	Istanbul Technical University	7264
A-035	B18	A (front)	9. Civil, Earthquake & Transportation	Voice-Based Construction Site Reporting and Automated Project Schedule Management	Oğuzhan Hacı San	Istanbul Technical University	1615
A-036	B18	B (back)	9. Civil, Earthquake & Transportation	Assessment of Planning and Scheduling Factors Contributing to Cost and Time overruns in building construction projects	Anar İmamaliyev	Istanbul Technical University	1798
A-037	B19	A (front)	9. Civil, Earthquake & Transportation	Prioritising Business Development Opportunities in Global Infrastructure Projects Using a Multi-Criteria Decision Support Model	Barkın Yılmaz	Istanbul Technical University	2158

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Poster No.	Board No.	Side	Theme	Abstract Title	Presenting Author	Institution	Abstract No.
A-038	B19	B (back)	9. Civil, Earthquake & Transportation	Development of a Large Language Model (LLM)-Based System for Construction Public Procurement	Elif Gulin Petek	Istanbul Technical University	6696
A-039	B20	A (front)	9. Civil, Earthquake & Transportation	A Multi-Criteria Framework For Early-Stage Screening Of Construction Bidding Opportunities	Filipp Ligay	Istanbul Technical University	7231
A-040	B20	B (back)	9. Civil, Earthquake & Transportation	A Multi-Criteria Decision-Making Approach for Strategic Selection of Data Center Projects in Europe	Omer Orhan	Istanbul Technical University	7256
A-041	B21	A (front)	9. Civil, Earthquake & Transportation	Weighting Project Management Criteria for Solar Power Plant Projects Using Hierarchical BWM-TOPSIS Method	BURAK AKDEMİR	Istanbul Technical University, Department of Civil Engineering of the Graduate School, Construction Management Master of Science Program	7682
A-042	B21	B (back)	9. Civil, Earthquake & Transportation	Statistical Evaluation Of Existing Buildings Under The Draft Regulation And Assessment Of Its Effects On Seismic Performance	Adem Atalay	Istanbul Technical University/Disaster Management Institute, Earthquake Engineering, Türkiye	1664
A-043	B22	A (front)	9. Civil, Earthquake & Transportation	A Multi-Criteria Analysis of Real Estate Investment Decisions at the Regional Scale: A Decision Model for Istanbul	Onur Ethem Ata	Istanbul Technical University	9221
A-044	B22	B (back)	9. Civil, Earthquake & Transportation	Optimization of Bow-Mounted Hydrofoil for Energy Harvesting from Ship Motions: A CFD and Surrogate Modeling Approach	Yusuf Emre Berber	Istanbul Technical University	6885
A-045	B23	A (front)	9. Civil, Earthquake & Transportation	Life Cycle Analysis	Neslihan Senol	Graduate School	5038
A-046	B23	B (back)	9. Civil, Earthquake & Transportation	Specimen Preparation For Sands Improved with Geo-resin And Estimation of Index Parameters	Yaren Korkmaz	Istanbul Technical University, Department of Civil Engineering, Soil Mechanics and Geotechnical Engineering, Türkiye	1643
A-047	B24	A (front)	9. Civil, Earthquake & Transportation	Rams Analysis of Hypothetical CBTC Metro System	Muhammed Zahid KELESER	Istanbul Technical University	5413
A-048	B24	B (back)	9. Civil, Earthquake & Transportation	Nlp Assisted Formal Analysis of Ertns Procedures: From Natural Language Requirements to Colored Petri Net Models	Muhammed Zahid KELEŞER	Istanbul Technical University	9757
A-049	B25	A (front)	9. Civil, Earthquake & Transportation	Influence of Cavitation in lead-Rubber Bearings on the response of Reinforced Concrete Structures	Mutluhan Göçer	Istanbul Technical University	8820
<b>► 10. Architecture &amp; Design</b>							
A-050	B25	B (back)	10. Architecture & Design	Preserving Modern Architectural Heritage in Antalya's Urban Memory: Inci Cinema	Handan Kısır	Istanbul Technical University	4353
A-051	B26	A (front)	10. Architecture & Design	The Spoilsport of Architecture: Video-Games As Speculative Architectural Practices	Elif Kaya	Istanbul Technical University	9740
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