

**INTERNATIONAL MARMARA SCIENCES CONGRESS  
IMASCON 2024 SPRING  
31 MAY 2024 FRIDAY****The Start of Registration Process****AÇILIŞ KONUŞMALAR - OPENING SPEECHES 11:00 / 12:00**

- İstiklal Marşı ve Saygı Duruşu / National Anthem and Moment of Silence
- Kocaeli Üniversitesi Tanıtım Filmi / Short Film of Kocaeli University
- Prof.Dr. Öznur Gökkaya, President of Imascon Congress
- Prof.Dr. Arif Özkan, Manager of Continuing Education Research and Application Center of Kocaeli University
- Lecturer Mustafa OF, Manager of Distance Education Research and Application Center, Kocaeli University

**IMASCON PANEL – SUSTAINABILITY- 14:00 / 16:00**

- Prof.Dr. Luis Roseiro, Instituto Politécnico de Coimbra, Portugal
- Prof.Dr. Flora Merko, Aleksander Moisiu Dures University, Albania
- Prof. Barbara Krystyna Pierscionek, United Kingdom
- Prof. Graham Ball, United Kingdom
- Assoc.Prof.Dr. Isakov Kubanicbek Abdikadirovic, Kyrgyzstan
- Dr. Stephen Hughes, United Kingdom
- Dr. Ahma Ali, India

**31 MAY 2024 FRIDAY****ORAL (FACE to FACE) PRESENTATIONS**

<b>31 MAY 2024 FRIDAY</b>	<b>SESSION 1</b>	<b>14:00 – 15:45</b>
<b>IMASCON 2024 SPRING SESSION 1.1 / 14:00 – 15:45</b>	<b>Hall : 1</b>	<b>31 MAY 2024 FRIDAY</b>
<b>SESSION CHAIR : Dr. Sinem TOSUN</b>		
Dr. Sinem TOSUN	Investigation of Reinforcement Corrosion with Applications in Structural Geophysics	
Egemen CUMHUR KALELI	Data Labeling, Deep Learning, LSTM, CNN, Transformer	
Egemen CUMHUR KALELI	A New Machine Learning and Deep Learning-Based Approach for Detecting Breaks in Bandina Cords	
Muzaffer ŞAHİN GÖKÇE	Android Application Security Analysis with Reverse Engineering Methods	
Mine EBRE	Energy Management with Estimated Drought Period Flows Using Artificial Intelligence in Water Storage Facilities for Energy Production Purposes of the Water Resources System	
<b>31 MAY 2024 FRIDAY</b>		
<b>ORAL (FACE to FACE) PRESENTATIONS</b>		
<b>31 MAY 2024 FRIDAY</b>	<b>SESSION 2</b>	<b>16:00 – 17:45</b>
<b>IMASCON 2024 SPRING SESSION 2.1 / 14:00 – 15:45</b>	<b>Hall : 2</b>	<b>31 MAY 2024 FRIDAY</b>
<b>SESSION CHAIR : Asist. Prof.Dr. Aybike KOCAKAYA</b>		

Adile Yağmur HERGÜL BİLGİN	Hydrothermal Synthesis Of Asphodelus Based-cqds For Detection Of B-carotene In Carrot Samples	
Nübar ABBASZADA	Characterization, catalytic behavior and molecular docking studies of pectinase immobilized on chitosan-boric acid composite beads	
Abdulsalam REDHWAN	Determination Of Suitable Culture Medium For In Vitro Development Of Sea Daffodil	
Leyla NUR AKAY	Nano-electrical Characterization of Perovskite Thin Film and implementation to Quantum Technologies	
Asis. Prof.Dr. Aybike KOCAKAYA	A Novel Microstrip Filtenna with Good Out-of-Band Characteristics for 2.4 GHz Wi-Fi Application	
<b>IMASCON 2024 SPRING SESSION 2.2 / 16:00 – 17:45</b>	<b>Hall : 1</b>	<b>16:00 – 17:45 31 MAY 2024 FRIDAY</b>
<b>SESSION CHAIR : Assoc.Prof.Dr. Bülent AYDEMİR</b>		
Assoc.Prof.Dr. Bülent AYDEMİR	Determination And Evaluation Of Plastic Strain Rate R-value In Metal Sheets	
Assoc.Prof.Dr. Bülent AYDEMİR	Evaluation The Selection Criteria Of The Correct Force Measuring Device	
Ufuk KURU	Design And Theoretical Analysis Of Test Platform For Thrust Force Measurement Of Rocket Engine	
Alp BÜYÜKBAYRAKTAR	The Use of Oleophobic Coating to Increase Efficiency in Oil Tanks Used in Industrial Compressors	
Emre ÇINAR	Offshore Wind Farms / Grid Connection Criteria	
Tezgül COŞKUN ÖZTÜRK	Example of Performing and Verifying AC Voltage Measurement by Sampling Techniques	
<i>Discussion</i>		
<b>ONLINE PRESENTATIONS 31 MAY 2024 FRIDAY</b>		
<b>ONLINE PRESENTATIONS</b>		
<b>31 MAY 2024 FRIDAY</b>	<b>SESSION 1</b>	<b>18:00 – 19:45</b>
<b>IMASCON 2024 SPRING SESSION 1.1 / 18:00 – 19:45</b>	<b>Hall : 1</b>	<b>31 MAY 2024 FRIDAY</b>
<b>SESSION CHAIR :</b>		
<b>(POSTER PRESENTATIONS)</b>		

<a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_NGYxNTEyOTQtOTLzMC00Yzk4LWE0OTQtY2U2NDQzMzQ0NTA4%40thead.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%22dcf579e5-ef4b-4925-a3d3-aa41a98558c0%22%7d">https://teams.microsoft.com/l/meetup-join/19%3ameeting_NGYxNTEyOTQtOTLzMC00Yzk4LWE0OTQtY2U2NDQzMzQ0NTA4%40thead.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%22dcf579e5-ef4b-4925-a3d3-aa41a98558c0%22%7d</a>		
Büşra TEKELİ	Synthesis And Structures Characterize Of Some New Heterocyclic Phenothiazine Derivatives With The Potential As Acetylcholine Esterase Inhibitors	
Alp BÜYÜKBAYRAKTAR	The Effect of Nozzle Geometry: A Study on the Chaotic Dispersion and Separation of Water Droplets	
Buse ÇÖKMEZ	In vitro asymbiotic seed germination of <i>Spiranthes spiralis</i> (L.) Chevall. Seeds	
<b>IMASCON 2024 SPRING SESSION 1.2 / 17:00 – 18:15</b>	<b>Hall : 2</b>	<b>31 MAY 2024 FRIDAY</b>
<a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZjAwZjc4MzYtNjBhZS00MTE5LWJINzgtYTI4ZmVjNGE5MGYw%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%222907ecf3-67b4-4b77-b8ea-f0a19ffb4499%22%7d">https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZjAwZjc4MzYtNjBhZS00MTE5LWJINzgtYTI4ZmVjNGE5MGYw%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%222907ecf3-67b4-4b77-b8ea-f0a19ffb4499%22%7d</a>		
<b>SESSION CHAIR : Yahya ALALI</b>		
Yahya ALALI	Social Media Location Analysis	
Özlem TAN	Utilizing Natural Language Processing Techniques in Emergency Management: A Study on Bilecik 112 Emergency Call Center	
Enes BAYTÜRK	Industrial Document Archive Digitization with OCR Methodology	
Hayriye KATRANCI	Scrum Processes Of Agile Projects In Turkey	
Deniz UMUL	A modelling on the impact of the forest fires at 2021 on hotel prices in Marmaris region	
<i>Discussion</i>		
<b>IMASCON 2024 SPRING SESSION 1.3. 17:00 – 18:15</b>	<b>Hall : 3</b>	<b>31 MAY 2024 FRIDAY</b>
<a href="https://shorturl.at/dpkHL">https://shorturl.at/dpkHL</a>		
<b>SESSION CHAIR : Doç.Dr. Ömer GÜNGÖR and Yusuf Kenan ORDU</b>		
Erdem AYÜZ	Design Of A Wearable Device For Monitoring And Analysing Posture-Regulating Exercises	
Aslıhan ÇAĞLAN	Analysis Of Eeg Data In Depressed Individuals Using Transcranial Magnetic Stimulation With The Permutation Lempel-Ziv Complexity Method	
Yusuf KENAN ORDU	Evaluation Of Akşehir Wastewater Treatment Plant Treatment	

	Removal Efficiency	
Dr. Majlinda MUKA	Climate Change And Environmental Risk Assessment Of Malaria Disease Resurging In Albania, Durres Case.	
<b>ONLINE PRESENTATIONS</b> <b>1 JUNE 2024 SATURDAY</b>		
<b>ONLINE PRESENTATIONS</b>		
<b>1 JUNE 2024</b>	<b>SESSION 5</b>	<b>11:00 – 12:45</b>
<b>IMASCON 2024 SPRING SESSION 5.1 / 11:00 – 12:45</b>	<b>Hall : 1</b>	<b>1 JUNE 2024</b>
<a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_NzA1M2Q4ZjItYzUzNi00NzZmLWIwZTMtMjIzYWExODI4Nzcy%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%22dcf579e5-ef4b-4925-a3d3-aa41a98558c0%22%7d">https://teams.microsoft.com/l/meetup-join/19%3ameeting_NzA1M2Q4ZjItYzUzNi00NzZmLWIwZTMtMjIzYWExODI4Nzcy%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%22dcf579e5-ef4b-4925-a3d3-aa41a98558c0%22%7d</a>		
<b>SESSION CHAIR : Parsa POURGHANBAR</b>		
Parsa POURGHANBAR	Isolation and Characterization of Saffron (Crocus Sativus) Exosomes and Investigation of Their Protective Effect on Cisplatin-Induced Damage in Mouse GC-1spg Spermatogonial Cells	
Aslihan GÜLTEKİN	Investigation of Proliferative and Cytotoxic Effects of Low and High Doses of Boric Acid Exposure on Mouse GC-1spg Spermatogonial Cells	
Özge Nur ÖZTÜRK	Characterization and In Vitro Evaluation of Mesenchymal Stem Cell-derived Dopamine-loaded PEG-coated Exosomes for Parkinson's Treatment	
Ceren ÖZTÜRK	Evaluating The Cytotoxic Effects Of Sorafenib And Osage Orange Extract Combination On Hepg2 Cell Lines	
Altar Özgür ÇETİN	Evaluation Of The Perspective Of Yalova People Consumption Of Mussel (Mytilus Galloprovincialis) And Mussel Products	
<b>IMASCON 2024 SPRING SESSION 5.2 / 11:00 – 12:45</b>	<b>Hall : 2</b>	<b>1 JUNE 2024</b>
<a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_NThiNWRjMmUtYmUwNS00NjliLWJINTQtZTgxOWEwMTh1OGRh%40thead.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%222907ecf3-67b4-4b77-b8ea-f0a19ffb4499%22%7d">https://teams.microsoft.com/l/meetup-join/19%3ameeting_NThiNWRjMmUtYmUwNS00NjliLWJINTQtZTgxOWEwMTh1OGRh%40thead.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%222907ecf3-67b4-4b77-b8ea-f0a19ffb4499%22%7d</a>		
<b>SESSION CHAIR : Prof.Dr. Mustafa ALKHLEIF</b>		
Prof.Dr. Mustafa ALKHLEIF	Harvesting the Wind: A Research on the Feasibility and Developments of Wind Energy in Turkey	
Hasan BİNARBAŞI	Energy Efficiency with Coating on Pumps	
Kevser GENÇ	Energy Consumption Analysis and Energy Saving Models in Public Buildings: A Case Study of Bilecik Province	

Erdoğan OKUMUŞ	Reflector Design For High-Efficiency Led Luminaires	
Nazlı ÜLKER HANÇER	The Effect of Computational Thinking Integrated Stem Activities on Early Childhood Children Problem Solving Skills: Representation and Control Structures	
<b>IMASCON 2024 SPRING SESSION 5.3 / 11:00 – 12:45</b>	<b>Hall : 3</b>	<b>1 JUNE 2024</b>
<a href="https://shorturl.at/GCNg">https://shorturl.at/GCNg</a>		
<b>SESSION CHAIR : Asis. Prof. Dr. Serkan ABALI</b>		
Tuğçe GÜÇ	Mechanical And Microstructural Behaviors Of Diatomite And Zeolite Doped Quartz Based Ceramic Membranes	
Sarp KILIÇ	Characterization Of Pipes Welded By High-Frequency Welding Method Using Different Steel Grades According To Various Standards	
Eyyüp Can DOLUEL	Investigation Of The Conversion Of Lignin Obtained From Woody Biomass Wastes Into Graphene With The Via Of Laser	
Zeynep Hazal YAZĞAN	Investigation Of Copper Extraction From Pyrite Ash	
Elif IŞIK	The Effect Of Different Alumina Sources On The Microstructure Of Al <sub>2</sub> O <sub>3</sub> -Sm <sub>2</sub> O <sub>3</sub> Ceramics	
Yasemin KORKMAZ	Effect Of Thyme Essential Oil On The Antibacterial Activity Of Polycarbonate Polymer Films	
<b>IMASCON 2024 SPRING SESSION 6.1 / 13:00 – 14:45</b>	<b>Hall : 1</b>	<b>1 JUNE 2024</b>
<a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZjA3MjA1MmYtNTYxMS00ZjU2LWI1MDEtMTRiMTZhMTcxMzlh%40thead.v2/0?context=%7b%22tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22oid%22%3a%22dcf579e5-ef4b-4925-a3d3-aa41a98558c0%22%7d">https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZjA3MjA1MmYtNTYxMS00ZjU2LWI1MDEtMTRiMTZhMTcxMzlh%40thead.v2/0?context=%7b%22tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22oid%22%3a%22dcf579e5-ef4b-4925-a3d3-aa41a98558c0%22%7d</a>		
<b>SESSION CHAIR : Dr. Özey CAN</b>		
Dr. Özey CAN	Load Frequency Control With Puma Optimizaton Tuned Pi Controller In Power Systems	
Merve SERDAR	Analysis Of Machine Learning Applications In Maritime Context	
Zelal SOYLU	Dual-Layer Biofunctional Wound Dressing	
Muhammet Ensar AÇIKMEŞE	Optimization of PID Parameters for DC Motor Speed Control Using Artificial Neural Networks	
Kağan ŞENKUL	Modeling and Analysis of a Hybrid Energy System	

Muhammed Zübeyir GÜNEY	BLDC Motor Design As An Alternative To Inefficient Motors Used In Cooling Fan Applications	
<i>Discussion</i>		
<b>ONLINE PRESENTATIONS</b>		
<b>1 JUNE 2024</b>	<b>SESSION 6</b>	<b>13:00 – 14:45</b>
<b>IMASCON 2024 SPRING SESSION 6.2 / 13:00 – 14:45</b>	<b>Hall : 2</b>	<b>1 JUNE 2024</b>
<a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_NzcwYzc2YtEtZmRjMS00MjhlLThiMzAtMWQxMmI0Y2U5MzYv%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%222907ecf3-67b4-4b77-b8ea-f0a19ffb4499%22%7d">https://teams.microsoft.com/l/meetup-join/19%3ameeting_NzcwYzc2YtEtZmRjMS00MjhlLThiMzAtMWQxMmI0Y2U5MzYv%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%222907ecf3-67b4-4b77-b8ea-f0a19ffb4499%22%7d</a>		
<b>SESSION CHAIR : Assoc.Prof.Dr. Serdar BİROGUL</b>		
Ayşe Tuğba YAPICI	Electric Vehicle Charging Station Location Designing	
Ayşe Tuğba YAPICI	Investigation Of The Effect Of Electric Vehicle Charging Stations On Power Quality	
Okan SELEK	Investiga Of Energy Efficiency In Screw Compressors	
Deniz METİN	Examination Of Y Capacitor Values In Accordance With Iec 60384 Standards	
Abdul Sabur QUQANDI	FACT Devices Used in Wind Power Plant	
Tolga OFLU	Determination Of Nuclear Power Plant Site Selection In Turkey With Ahp And Fuzzy Ahp Methods And Comparison Of The Results	
<b>IMASCON 2024 SPRING SESSION 6.3 / 13:00 – 14:45</b>	<b>Hall: 3</b>	<b>1 JUNE 2024</b>
<a href="https://shorturl.at/DBaBW">https://shorturl.at/DBaBW</a>		
<b>SESSION CHAIR: Aydoğan Çağlar AKÇAY</b>		
Aslihan KALYON	Simulation Assisted Investigation Of Special Fastener With Different Production Methods	
Uğur SAFKAN	Investigation Of Bonding Behavior Of Ceramic And Metal Based Material With Epoxy Based Adhesives	
Muzaffer YALÇIN	Comparative Investigation Of The Effects Of Different Surface Treatments On Wear Resistance	
Aydoğan Çağlar AKÇAY	Prediction Of The Effect Of Online Cooling Time On Warpage In A Multi-Way Plastic Injection Mould Using A Machine Learning Algorithm Based On In-Mould Sensor Data	

Mustafa ALTINTAŞ	Effects Of Self-Recuperator Burner On Energy Efficiency	
Harun YILDIRIM	Evaluation of the Effects of Pilot Injection Applications on Combustion Noise and Vibration	
<i>Discussion</i>		
<b>IMASCON 2024 SPRING SESSION 7.1. / 15:00 – 17:00</b>	<b>Hall : 1</b>	<b>1 JUNE 2024</b>
<a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_NWVmNmZjNDYtYTE5MS00NDhmLWFjYTQtYWZlM2VINjhhNjI1%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%22dcf579e5-ef4b-4925-a3d3-aa41a98558c0%22%7d">https://teams.microsoft.com/l/meetup-join/19%3ameeting_NWVmNmZjNDYtYTE5MS00NDhmLWFjYTQtYWZlM2VINjhhNjI1%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%22dcf579e5-ef4b-4925-a3d3-aa41a98558c0%22%7d</a>		
<b>SESSION CHAIR : Dr. Nazan POLAT</b>		
Duygu KESER	Increasing Mycelial Growth of Pleurotus ostreatus and Controlling Its Pests	
Dr. Nazan POLAT	An application of graph theory on forest roads	
Nilhan SAYIN YANILMAZ	On usage Steganography in color images	
Dr. Nazan POLAT	A Study on Soft Groups	
Asim Buğra AKAY	Housing Problem In Industrial Cities In The Context Of Special Industrial Zones	
Burak BAŞÇİL	Investigation of Tectonic Movements and Landslides in Koyulhisar (Sivas) Region Using SENTINEL-1 Data	
<b>ONLINE PRESENTATIONS</b>		
<b>1 JUNE 2024</b>	<b>SESSION 7</b>	<b>15:00 – 16:45</b>
<b>IMASCON 2024 SPRING SESSION 7.2 / 15:00 – 17:00</b>	<b>Hall : 2</b>	<b>1 JUNE 2024</b>
<b>SESSION CHAIR: Assoc.Prof.Dr. Serdar BİROĞUL</b>		
<a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_NTYwYmZjNzItNjhiYi00ZDk0LWlXMDItOTVhZjAxMDQzZDRj%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%222907ecf3-67b4-4b77-b8ea-f0a19ffb4499%22%7d">https://teams.microsoft.com/l/meetup-join/19%3ameeting_NTYwYmZjNzItNjhiYi00ZDk0LWlXMDItOTVhZjAxMDQzZDRj%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%222907ecf3-67b4-4b77-b8ea-f0a19ffb4499%22%7d</a>		
Muhammed GENÇ	Investigation of the Role and Performance of Superplasticizers in Geopolymer Mortars	
Kübra YALÇIN	Determining Color Coordinates With The Camera And Color Measurement Uncertainty	
Murat Zeynel İBIK	Estimating The Slope Of Roads In Electric Commercial Vehicles Using Machine Learning Methods	

İlknur KILIÇ	Investigation of Compressive Strength and Durability Performance of Special Blend Pozzolanic Admixed Concrete
Gizem ÖZTÜRK	Modeling Of Meteorological Drought For The Sakarya Basin
Aleyna KÖSEOĞLU	Investigation Of The Mechanical Performance Of Cement Mortar Containing High Content Of Micro Steel And Polypropylene Fibers