









## OPENINIG CEROMONY

Meeting ID: 962 4742 2020

Passcode: 690009

TIME	SPEAKER
10:00-10:10	Assoc. Prof. Dr. Yucel Ozbek Confarence Chair
10:10-10:20	Prof. Dr. Recep Sadeler Dean of The Engineering Faculty, Ataturk University
10:20-10:30	Prof. Dr. Mohd Nizar Hamidon Director of the Institute of Advanced Technology (ITMA), UPM
10:30-10:40	Prof. Dr. İrfan Kaymaz Deputy Rector, Erzurum Technical University
10:40-10:50	Prof. Dr. Ir. B.T. Hang Tuah Baharudin Deputy Vise Chancellor, UPM
10:50-11:00	Prof. Dr. Mustafa Sözbilir Deputy Rector, Ataturk University







## ISASE 2021 Program: Wednesday (11:00-12:40), 07 April 2021

<div style="text-align: center;">  <p><b>SESSION-A</b></p> <p><b>ELECTRICAL ENG. (Wednesday 11:00-12:20)</b> CHAIR: Prof. Dr. Bülent Çavuşoğlu</p>  <p>Meeting ID: 957 1970 4863 Passcode: 283139</p> </div>		<div style="text-align: center;">  <p><b>SESSION-B</b></p> <p><b>COMPUTER SCIENCE (Wednesday 11:00-12:20)</b> CHAIR: Prof. Dr. Uğur Cem Hasar</p>  <p>Meeting ID: 984 0635 1955 Passcode: 241524</p> </div>		<div style="text-align: center;">  <p><b>SESSION-C</b></p> <p><b>MATERIAL SCIENCE (Wednesday 11:00-12:40)</b> CHAIR: Prof. Dr. Emre Gür</p>  <p>Meeting ID: 979 1410 0217 Passcode: 922279</p> </div>	
11:00-11:20	<b>INVITED SPEAKER: Dr. Basuki Rachmatul Alam</b> ITB, INDONESIA Non-Linearity Assessment of Class E Switching Gan HEMT RF Amplifier For Broadband Transponder	11:00-11:20	<b>INVITED SPEAKER: Assoc.Prof.Dr. Murad A. Rassam</b> TU, YEMEN Ensuring Quality of Data in the Internet of Things for Healthcare Monitoring Applications Via Anomaly Detection Methods	11:00-11:20	<b>INVITED SPEAKER: Prof.Dr. Khalina Abdan</b> UPM, MALAYSIA Characterization of Polybutylene Succinate/EFB Fibre/Modified Tapioca Starch and Glycerol for Food Packaging Application
11:20-11:35	ROS Based SLAM and Navigation for Automated Guided Vehicle Simulated with Gazebo <b>Abdullah Başçı, İbrahim Öztürk</b>	11:20-11:35	Design And Simulation of Crossed Walls Security Detection System <b>Muhammad Ahmad Baballe, Mukhtar İbrahim Bello, Abubakar Sadiq Muhammad</b>	11:20-11:40	<b>INVITED SPEAKER: Prof.Dr. Hirofumi Tanaka</b> Kyushu Institute of Technology, JAPAN Nanoparticle Network As an Effective In-Materio Reservoir Computing Device
11:35-11:50	Switching Sequence and Modulation Techniques of Modular Multilevel Converter <b>Nasiru Bello Kadandani</b>	11:35-11:50	The Need for Artificial Egg Incubation <b>Muhammad Baballe, Abubakar Sadiq Muhammad, Ishaq auwal Balarabe</b>	11:40-11:55	Comprehensive Study on the Interfacial Charge Transfer Dynamics of Inorganic Nanowires Incorporated Bulk Heterojunction Photoactive Layer <b>Kai Jeat Hong, Sin Tee Tan,Kok-Keong Chong, Chi Chin Yap</b>
11:50-12:05	Design and Optimization of CPW-Fed Patch Printed Antenna for Underwater Communication <b>Nor Hidayah Daud,Alyani İsmail,Aduwati Sali,Mohd Hafızal İsmail, Elfarizanis Baharudin</b>	11:50-12:05	COVID-19 Detection from Chest X-Ray Images Using Dense Convolutional Network <b>Ferhat Borkurt,Mete Yağanoğlu</b>	11:55-12:10	Calibration-Free Broadband Determination of Soil Permittivity by Coaxial Line Measurements <b>Hafize Hasar, Taskin Oztas, Mustafa Yildirim Canbolat, Ugur Cem Hasar, Yunus Kaya, Nevzat Aslan</b>
12:05-12:20	High Gain Receiving Antenna Developed for ISAR Applications Using 2.4 GHz WLAN Signals <b>Goker Sener</b>	12:05-12:20	Theoretical Investigation of Biomofs for Anesthetic Xe Recovery <b>Zekiye Erarslan, Yeliz Gürdal Durğun</b>	12:10-12:25	Electrochemical Synthesis and Characterization of Moo3 Nanostructured Photoelectrodes <b>Emir Çepni, Ahmet Korkmaz, Hülya Öztürk Doğan, Tuba Öznüller Özer</b>
				12:25-12:40	Green Synthesis of Nanoflowers and Investigation of Their Usability in Wastewater Treatment <b>Hayrunnisa NADAROGLU</b>

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## ISASE 2021 Program: Wednesday (13:00-14:35), 07 April 2021

<div style="text-align: center;">  <p><b>SESSION-A</b></p> <p><b>CHEMICAL ENG. (Wednesday 13:00-14:35)</b>  <b>CHAIR: Assist. Prof. Hatice Bayrakçeken</b></p> <div style="display: flex; justify-content: space-between; align-items: center;">  <div> <p>Meeting ID: 942 4732 7912  Passcode: 390681</p> </div> </div> <p><b>zoom</b> <a href="#">Link</a></p> </div>		<div style="text-align: center;">  <p><b>SESSION-B</b></p> <p><b>MECHANICAL ENG. (Wednesday 13:00-14:35)</b>  <b>CHAIR: Assoc. Prof. Dr. Halim Kovacı</b></p> <div style="display: flex; justify-content: space-between; align-items: center;">  <div> <p>Meeting ID: 950 8767 9861  Passcode: 016834</p> </div> </div> <p><b>zoom</b> <a href="#">Link</a></p> </div>		<div style="text-align: center;">  <p><b>SESSION-C</b></p> <p><b>PHYSICS (Wednesday 13:00-14:40)</b>  <b>CHAIR: Prof. Dr. Emre Gür</b></p> <div style="display: flex; justify-content: space-between; align-items: center;">  <div> <p>Meeting ID: 993 1329 8843  Passcode: 630289</p> </div> </div> <p><b>zoom</b> <a href="#">Link</a></p> </div>	
13:00-13:20	<b>INVITED SPEAKER: Prof. Dr. Ayşe Bayrakçeken Yurtcan</b> <b>AU, TURKEY</b> <b>Effects of Nitrogen Doping of Carbon Supports on PEM Fuel Cell Performances</b>	13:00-13:20	<b>INVITED SPEAKER: Prof. Dr. Mohd Nizar Bin Hamidon</b> <b>UPM, MALAYSIA</b> <b>Passive Surface Acoustic Wave Resonator Platform for Wireless Sensor Applications</b>	13:00-13:20	<b>INVITED SPEAKER: Assoc. Prof. Dr. Khamirul Amin Matori</b> <b>UPM, MALAYSIA</b> <b>Glass Ionomer Cement Using Alumino-Silicate-Fluoride Based Glass Ceramics</b>
13:20-13:35	<b>Application of Copperas As Chemical Coagulant for Industrial Water Treatment</b> <b>Mohd Hakim Che Harun, Sofiah Hamzah, Nurul Aqilah Mohamad</b>	13:20-13:35	<b>Boiler Efficiency and CO2 Emission with Different Types of Bituminous Coal at Thermal Coal Fired Power Plant</b> <b>Salmi Samsudin, Nuraini Abd Aziz, Abdul Aziz Hairuddin, Siti Ujila Masuri</b>	13:20-13:40	<b>INVITED SPEAKER: Assoc. Prof. Dr. Suhaidi Shafie</b> <b>UPM, MALAYSIA</b> <b>Dye Sensitized Solar Cell Efficiency Enhancement</b>
13:35-13:50	<b>Modification of Bentonite: Effect of Different Treatments on the Adsorption Ability - A Mini Review</b> <b>Ailzat Ikhwan Bin Abdul Jalil, Suzylawati Binti Ismail</b>	13:35-13:50	<b>3D Printing: Functionality Graded Materials (FGM) via Fused Deposition Modelling (FDM)</b> <b>Zairul Amri Zakaria, B T Hang Tuah Baharudin, Mohd Khairol Ariffin, Mohd Idris Shah Ismail, Napsiah Ismail</b>	13:40-13:55	<b>Anthocyanin of Natural Dyes As Photosensitizer for Solar Cell Application</b> <b>Nurul Alfathiah Mohd Arifin, Hasiah Salleh, Ahmad Nazri Dagang</b>
13:50-14:05	<b>Utilization of Used Plastic and Glass Wastes with Sand As An Alternative Composites Materials in the Brick Industry</b> <b>Badiea Abdullah M., Ibtisam Nustafa Kamal, Aamer Hayel Ali, Adel Ali Ahmed</b>	13:50-14:05	<b>Crease Lines Effect to the Energy Absorption of Thin-Walled Structures</b> <b>Siti Marhainis Abu Mansor, Nuraini Abdul Aziz, Azmah Hanim Mohamed Ariff</b>	13:55-14:10	<b>Titanium Oxide Plasma Treated to Enhance Performance of Hybrid Solar Cells</b> <b>Nur Salihah Alias, Ahmad Nazri Dagang, Hasiah Salleh</b>
14:05-14:20	<b>Review on the Potential of Superhydrophilic Polymeric Mixed Matrix Membrane in Loop Heat Pipe Application for Miniaturized Cooling System</b> <b>Nor Aini Ahmad, Syamsul Rizal Abd Shukor</b>	14:05-14:20	<b>Three Dimensional (3D) Simulation and Analysis of Turning Process Using Finite Element Method</b> <b>Yavuz Kaplan</b>	14:10-14:25	<b>Minor Criteria of Erbium Oxide Determining the Zinc Tellurite Glass Performance</b> <b>Nazirul Nazrin Shahrol Nidzam, Halimah Mohamed Kamari, Masera Marian Mukhtar</b>
14:20-14:35	<b>A New Heat Sink Design for Cooling Microprocessors and Investigation of Cooling Performance</b> <b>Mehmet Emin Arzutug, Abdullah Başçi</b>	14:20-14:35	<b>Effect of Different Penetrator Shapes on the Quasi-Static Perforation Response of Bilayer Plates</b> <b>Nahit Öztoprak</b>	14:25-14:40	<b>Effect of Sb Doping on the Surface Morphology, Structural, Electrical Properties of Zinc Oxide Thin Films</b> <b>Elif Akarsu, Mehmet Ertuğrul</b>

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## ISASE 2021 Program: Wednesday (15:00-16:40), 07 April 2021

<div style="text-align: center;">   <b>SESSION-A</b>  <b>ELECTRICAL ENG. (Wednesday 15:00-16:40)</b>  <b>CHAIR: Prof.Dr. Bulent Cavusoglu</b>    <b>Meeting ID: 916 8536 5948</b>  <b>Passcode: 016470</b> </div>		<div style="text-align: center;">   <b>SESSION-B</b>  <b>CHEMISTRY (Wednesday 15:00-16:20)</b>  <b>CHAIR: Assoc. Prof. Dr. Mehmet Yilmaz</b>    <b>Meeting ID: 937 5380 4069</b>  <b>Passcode: 723827</b> </div>		<div style="text-align: center;">   <b>SESSION-C</b>  <b>CIVIL ENG. (Wednesday 15:00-16:20)</b>  <b>CHAIR: Assist.Prof.Dr. Dilek Okuyucu</b>    <b>Meeting ID: 986 4327 5856</b>  <b>Passcode: 884423</b> </div>	
15:00-15:20	<b>INVITED SPEAKER Prof. Dr. Ahmet Cansiz</b> <b>ITU, TURKEY</b> <b>Decision Making Mechanisms in Hybrid Energy Storage Technologies</b>	15:00-15:20	<b>INVITED SPEAKER: Assoc.Prof.Dr. Badiea A. Mohammed</b> <b>TU, YEMEN</b> <b>Utilization of Used Plastic and Glass Wastes with Sand As An Alternative Composites Materials in the Brick Industry</b>	15:00-15:20	<b>INVITED SPEAKER: Dr. Mohammed Alrubaidi</b> <b>SU, YEMEN</b> <b>Investigation of Different Steel Simple Connections Under Column-Loss Scenario: Considering The Effects of A Transverse Beam</b>
15:20-15:35	<b>Integral Terminal Sliding Mode Controller for Unmanned Ground Vehicle</b> <b>Abdullah Başçı, Kaan Can, Hayriye Tuğba Sekban</b>	15:20-15:35	<b>A Study of Cure Kinetics of Polyurethane/Epoxy Compositions Filled With Modified Boron Nitride</b> <b>Nikita Bratsyuk, Vjacheslav Zuev</b>	15:20-15:35	<b>Short-Term Dynamics of Pore-Water Pressure Due to Diurnal Temperature Changes in Soil Slopes</b> <b>Nuraddeen Babangida, Khamaruzaman Yusof, Raza Mustapha</b>
15:35-15:50	<b>Performance Evaluation of Microstrip Antenna Based on Different Shapes of Defected Ground Structure (DGS) at 28 GHz</b> <b>Alyani Ismail, Mohd Fadlee Rasid, Mohd Nizar Hamidon, Raja Abdullah, Nafaa Shebani</b>	15:35-15:50	<b>Preparation of Manganese-Containing Magnetic Nanocomposites for Biomedical Applications</b> <b>Okan Icten</b>	15:35-15:50	<b>The Effect of Waste Mineral Additives and Long-Term Moisture Insulation in Volcanic Ash-Based Geopolymer Concretes</b> <b>Yavuz Yegin, Rıza Polat, Fatma Karagöl</b>
15:50-16:05	<b>Facile Design of a Metamaterial Absorber for X-band Radar Applications</b> <b>Aykut Coşkun, Ahmet Teber, Mehmet Ertuğrul</b>	15:50-16:05	<b>Positron Annihilation Lifetime Spectroscopy: A Sensitive Probe to Determine Free Volume Holes in Polymers</b> <b>Meshude Akbulut Söylemez</b>	15:50-16:05	<b>Effects of the Damping Coefficient on Interconnected Adjacent Buildings for Different Soil Conditions</b> <b>Yavuz Selim Hatipoğlu, Oğuz Akın Düzgün</b>
16:05-16:20	<b>Inverter Based OTA Design for Second-Order Gm-C Filters</b> <b>Mesut Atasoyu</b>	16:05-16:20	<b>Effective Desulfurization of Coal with Oak Ash</b> <b>Gizem Hazan Çağlayan, Ubeyde İpek</b>	16:05-16:20	<b>Shear Wall Effectiveness of Reinforced Concrete Structures</b> <b>Barış Erdil, Yusuf Gündüz</b>
16:20-16:40	<b>INVITED SPEAKER: Prof.Dr. Burak Özpınar</b> <b>ORNL, USA</b> <b>Wired and Wireless Extreme Fast Chargers</b>				

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## ISASE 2021 Program: Wednesday (17:00-18:35), 07 April 2021

 <div style="text-align: center;"> <b>SESSION-A</b>   <b>MATERIAL SCIENCE (Wednesday 17:00-18:40)</b>  <b>CHAIR: Prof. Dr. Mehmet Ertuğrul</b>    <div style="float: right;"> Meeting ID: 970 3962 6466  Passcode: 727226 </div> </div>		 <div style="text-align: center;"> <b>SESSION-B</b>   <b>MATERIAL SCIENCE (Wednesday 17:00-18:35)</b>  <b>CHAIR: Assist.Prof.Dr. Aslı Yılmaz</b>    <div style="float: right;"> Meeting ID: 988 2990 6285  Passcode: 598222 </div> </div>	
17:00-17:20	<b>INVITED SPEAKER: Prof. Dr Vincenzo Guidi</b> <b>FU, ITALY</b> <b>Recent Trends About Gas Sensing Through Semiconductor</b>	17:00-17:20	<b>INVITED SPEAKER: Prof.Dr. Javier Campo</b> <b>ZU, SPAIN</b> <b>Stabilization by Thermal Fluctuations of A New Skyrmionic Phase at Low Temperature in Cubic Helimagnets: Are New Phases Still Waiting to Be Discovered?</b>
17:20-17:40	<b>INVITED SPEAKER Prof.Dr. Varga Kalman</b> <b>VU, USA</b> <b>Coupled Maxwell and Density Functional Description of The Interaction of Light and Nanostructures</b>	17:20-17:35	Investigation of the Half-Metallicity in Ca1-xVxS Compounds (X = 0,0.25, 0.5 and 0.75): A DFT Study <b>Chaib Youness</b>
17:40-17:55	Numerical Simulation of Organic-Inorganic Lead Halide Perovskite (CH3 NH3 Pbl3) Solar Cells Using 1D-SCAPS Simulator <b>Hajar Benali, Bouchaib Hartiti, Fatima Lmai, Hicham Labrim, Philippe Thevenin</b>	17:35-17:50	The Use of Low-Cost Technique to Prepare Pure TiO2 Thin Films <b>Youssef Doubi, Bouchaib Hartiti, Maryam Siadat, Hicham Labrim, Salah Fadili, Mounia Tahri, Amine Belfhaili, Philippe Thevenin</b>
17:55-18:10	Effect of Thiourea Concentration on Characteristics of Czts Thin Layer Prepared by Low Cost Sol Gel Method for Solar Energy Applications <b>Ahmed Ziti, Bouchaib Hartiti, Hicham Labrim, Abdelkrim Batan, Salah Fadili, Abderraouf Ridah, Mounia Tahri, Amine Belafhaili, Philippe Thevenin</b>	17:50-18:05	A DFT Study of Electronic and Optical Properties of Si-Doped ZnS for Solar Device <b>Abdessamad Najim, Bouchaib Hartiti, Mehmet Ertugrul, Hicham Labrim, Salah Fadili, Philippe Thevenin</b>
18:10-18:25	The Effect of Window Film on Building Energy Consumption in Hot Climate Zone <b>Kübra Sümer Haydaslan, Yalçın Yaşar</b>	18:05-18:20	Copper Oxide Thin Films on Silicon Substrate by Pulsed Laser Deposition <b>Mustafa Tolga Yurtcan, Gökhan Uygur</b>
18:25-18:40	Examination of the Effect of Heat Treatment Process on High Temperature- High Activity Nickel Aluminate Coating on CM247LC <b>Ahmet Arda Inceyer, Gökhan Güven, Kaan Demiralay, Havva Kazdal Zeytin, Metin Usta</b>	18:20-18:35	A New Technique For Fire Detection In Airplanes <b>Mehmet Masat, Mehmet Ertuğrul</b>

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## ISASE 2021 Program: Thursday (09:00-10:40), 08 April 2021

<div style="text-align: center;">  <p><b>SESSION-A</b></p> <p><b>COMPUTER SCIENCE (Thursday 09:00-10:35)</b> CHAIR: Assist.Prof.Dr.Deniz Dal</p> <div style="display: flex; justify-content: space-between; align-items: center;">  <div> <p>Meeting ID: 940 4669 1132 Passcode: 803370</p> </div> </div> <p><b>zoom</b> <a href="#">Link</a></p> </div>		<div style="text-align: center;">  <p><b>SESSION-B</b></p> <p><b>ELECTRICAL ENG. (Thursday 09:00-10:40)</b> CHAIR: Prof. Ahmet Cansız</p> <div style="display: flex; justify-content: space-between; align-items: center;">  <div> <p>Meeting ID: 944 1467 8726 Passcode: 828434</p> </div> </div> <p><b>zoom</b> <a href="#">Link</a></p> </div>		<div style="text-align: center;">  <p><b>SESSION-C</b></p> <p><b>MATERIAL SCIENCE (Thursday 09:00-10:35)</b> CHAIR: Assist.Prof.Dr. M. Tolga Yurtcan</p> <div style="display: flex; justify-content: space-between; align-items: center;">  <div> <p>Meeting ID: 996 8888 4392 Passcode: 889343</p> </div> </div> <p><b>zoom</b> <a href="#">Link</a></p> </div>	
09:00-09:20	<p><b>INVITED SPEAKER: Dr. Fathey M.A.Mohammed</b> UPM, MALAYSIA</p> <p><b>Blockchain Technology in Healthcare: Opportunities and Challenges</b></p>	09:00-09:20	<p><b>INVITED SPEAKER: Prof. Mohamad Kamal Bin A Rahim</b> UTM, MALAYSIA</p> <p><b>Antenna with Electromagnetic Band Gap (EBG) Structure for Wireless Application</b></p>	09:00-09:20	<p><b>INVITED SPEAKER: Prof. Nowshad Amin</b> UNITEN, MALAYSIA</p> <p><b>Thin Film Solar Photovoltaic Cells – Status and Way Forward</b></p>
09:20-09:35	<p>WiFi-Femtocell Offloading Algorithms in Heterogeneous LTE Network</p> <p><b>Suhailah Mahzan, Mohd Amiruddin Abd Rahman, Caceja Elyca Bundak, Mahamod Ismail</b></p>	09:20-09:40	<p><b>INVITED SPEAKER: Prof. Karim Abbasian</b> TU, IRAN</p> <p><b>3D Tomographical Imaging of Localized Surface Plasmon Resonances of Cylindrical and Dimeric Spherical Nanocrescents</b></p>	09:20-09:35	<p>Heteroatom-Doped Graphene Aerogels As An Anode for Sodium-ion Batteries</p> <p><b>Sarah Umeera Muhamad, Nurul Hayati Idris, Nor Fazila Mahamad Yusoff</b></p>
09:35-09:50	<p>Bird Sound Detection with Convolutional Neural Networks using Raw Waveforms and Spectrograms</p> <p><b>Tee Yun Hong, Muhammad Mun'im Zabidi</b></p>	09:40-09:55	<p>Performance Comparison of Common Routing Protocols in VANETs Using NS3 and SUMO</p> <p><b>Nurgüneş Önal, Bülent Çavuşoğlu</b></p>	09:35-09:50	<p>Graphenated Carbon Nanotubes Cotton As Potential Counter Electrode in Dye-Sensitized Solar Cells Application</p> <p><b>Yusnita Yusuf, Suhaidi Shafie, Ismayadi Ismail, Fauzan Ahmad, Mohd Nizar Hamidon, Pandey Shyam Sudhir</b></p>
09:50-10:05	<p>An Iterative Method Based on Hazy Image Model for Remote Sensing Image Enhancement</p> <p><b>Yasin Demir, Nur Hüseyin Kaplan</b></p>	09:55-10:10	<p>A Case Study on 132 kV Overhead Line Performance Against Lightning Via Installation of Transmission Line Arresters in Malaysia</p> <p><b>Rasyidah Mohamad Idris, Wan Zulhilmi Wan Mokhtar, Iryani Mohamed Rawi</b></p>	09:50-10:05	<p>Microwave Absorbing Properties of Fe<sub>3</sub>O<sub>4</sub> from Waste Mill Scales</p> <p><b>Madiha Elmahaishi, Raba'ah Syahidah Azis, Ismayadi Ismail</b></p>
10:05-10:20	<p>Weighting Of Questions With Fasttext Algorithm In Multiple Choice Exams</p> <p><b>Adem Canpolat, Barış Özyer</b></p>	10:10-10:25	<p>Magnetoacoustic Tomography with Magnetic Induction: Multiphysics Imaging Approach A Review</p> <p><b>Sani Saminu, Guizhi Xu, Shuai Zhang, Abd El Kader Isselmou, Adamu Halilu Jabire, Adamu Ya'u Iliyasu</b></p>	10:05-10:20	<p>Fe-Silica/Polyurethane Composite for the Adsorption of Dyes from Aqueous Solution</p> <p><b>Siti Nurul Ain Binti Md. Jamil, Nur Afiah Ahmad</b></p>
10:20-10:35	<p>Distance Measurement with Optic Sensor</p> <p><b>Atıl Emre Coşun, Hasan Demir</b></p>	10:25-10:40	<p>Electrical Energy Systems and Electric Transportation</p> <p><b>Dominic April, Mohamed Tariq Kahn</b></p>	10:20-10:35	<p>Effect of Acrylo-Poss Nanoparticles on the Passenger Carcass Tire Compound Properties</p> <p><b>Çağrı Şenol Erdem, Nazlı Yazıcı, Öznur Kavacak, Sezgin Gökçeşular, Güralp Özkoç, Mehmet Kodal</b></p>

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## ISASE 2021 Program: Thursday (11:00-12:40), 08 April 2021

<div style="text-align: center;">  <p><b>SESSION-A</b></p> <p><b>NANOTECH. (Thursday 11:00-12:40)</b>  <b>CHAIR: Assoc. Prof. Mehmet Yilmaz</b></p> <div style="display: flex; justify-content: space-between; align-items: center;">  <div> <p>Meeting ID: 942 6178 0395  Passcode: 247292</p> </div> </div> </div>		<div style="text-align: center;">  <p><b>SESSION-B</b></p> <p><b>ELECTRICAL ENG. (Thursday 11:00-12:40)</b>  <b>CHAIR: Prof. Mohd Nizar Hamidon</b></p> <div style="display: flex; justify-content: space-between; align-items: center;">  <div> <p>Meeting ID: 982 6574 2112  Passcode: 879566</p> </div> </div> </div>		<div style="text-align: center;">  <p><b>SESSION-C</b></p> <p><b>MATERIAL SCIENCE (Thursday 11:00-12:35)</b>  <b>CHAIR: Assist. Prof. Ferhunde Aysin</b></p> <div style="display: flex; justify-content: space-between; align-items: center;">  <div> <p>Meeting ID: 968 4041 1661  Passcode: 351953</p> </div> </div> </div>	
11:00-11:20	<b>INVITED SPEAKER: Prof. Marwan Dhamrin</b> OU, JAPANESE Screen-Printed Group IV Semiconductors on Silicon	11:00-11:20	<b>INVITED SPEAKER: Prof. M. Zainal Abidin Ab Kadir</b> UPM, MALAYSIA Grid Of The Future (Gotf) Advancing Grid Transformation In Malaysia	11:00-11:20	<b>INVITED SPEAKER: Prof. Germán F. de la Fuente</b> UNIZAR, SPAIN Laser Line Scan Surface Processing: Nanostructuring And Microstructure Control
11:20-11:40	<b>INVITED SPEAKER: Assoc. Prof. Dr. Jumril Yunus</b> UKM, MALAYSIA Electromagnetic Micropump Incorporating the Polymer Composite based Magnetic Membrane for Biomedical Application	11:20-11:40	<b>INVITED SPEAKER: Prof. Dr. Uğur Cem Hasar</b> GU, TURKEY Application of Natural Mode Series on Material Characterization at Microwave Frequencies	11:20-11:35	Transition from Ionic to Electronic Conductivity in Mixed Ionic-Electronic Tellurite Glass: Its Effects on Optical Properties <b>Muhammad Siddiq Fadhl Sutrisno, Rosdiyana Hisam</b>
11:40-11:55	LBM Simulation of Fluid Division by Baffle in L Shape Cavity <b>Shayan Naseri Nia, Faranak Rabiei, Mohammad Mehdi Rashidi</b>	11:40-11:55	Comparision of Classifiers According to Number of Trials <b>Onur Erdem Korkmaz, Onder Aydemir</b>	11:35-11:50	Catalytic Effect of CoTiO <sub>3</sub> Synthesized via Solid-State Method on the Dehydrogenation Performance of LiAlH <sub>4</sub> <b>Nurul Amirah Ali, Mohammad Ismail</b>
11:55-12:10	Effect of Surface Treatment on Ti Substrates for Dye Sensitized Solar Cell under Back Illumination Method <b>Izad Syahrul Ariffin Mohd Ismail, Nor Hapishah Abdullah, Mohd Nizar Hamidon, Suhaidi Shafie, Adam Tan Mohd Amin, İzzatul Hidayah Azizan</b>	11:55-12:10	Oceans Energy for the South Africa Coastline <b>Michee Ntonto Lunkamba</b>	11:50-12:05	Mechanical Properties of Arrowroot Starch-Based Biopolymers Plasticized with Glycerol <b>Tarique Jamal, S.M. Sapuan, Khalina Abdan, R.A. Ilyas, S.F.K Sherwani, M.M. Harussani</b>
12:10-12:25	Pt/Graphene Catalysts Prepared by Supercritical Deposition with Different Pt Precursors <b>Meryem Samancı, Ayşe Bayrakçeken Yurtcan</b>	12:10-12:25	Rhythmic and Spectral Power Reduction of Oscillatory Waveforms During Quranic Fatihah Chapter Processing <b>Samhani Ismail, Mohammed Faruque Reza</b>	12:05-12:20	Effect of BaMnO <sub>3</sub> Catalyst Synthesized by Solid State Method on MgH <sub>2</sub> As a Potential Hydrogen Storage Material <b>Noratqah Sazelee, Mohammad Ismail</b>
12:25-12:40	Hydrogen Purification and Compression Methods for Future Energy <b>Yasemin Aykut, Ayşe Bayrakçeken Yurtcan</b>	12:25-12:40	A Novel Beam Steering Method Using Dispersive Superstrates with Low Dielectric Constant <b>Muhammed Said Boybay</b>	12:20-12:35	Effect of Fuel Type onto Photocatalytic Activities of Copper Aluminate Nanoparticles Synthesized by Microwave-Assisted Combustion Method Using Different Fuels <b>İbrahim Hakkı Karakaş, Zeynep Karcioğlu Karakaş</b>

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## ISASE 2021 Program: Thursday (13:00-14:35), 08 April 2021

 <div style="text-align: center;"> <b>SESSION-A</b>   <b>MATERIAL SCIENCE (Thursday 13:00-14:25)</b>  <b>CHAIR: Prof. İrfan Kaymaz</b>    <div style="float: right;"> Meeting ID: 952 1281 3081  Passcode: 397592 </div> </div>		 <div style="text-align: center;"> <b>SESSION-B</b>   <b>CIVIL ENG. (Thursday 13:00-14:35)</b>  <b>CHAIR: Prof. Mehmet Hamit Özyazıcıoğlu</b>    <div style="float: right;"> Meeting ID: 975 6696 2083  Passcode: 465117 </div> </div>		 <div style="text-align: center;"> <b>SESSION-C</b>   <b>CHEMISTRY (Thursday 13:00-14:05)</b>  <b>CHAIR: Assoc. Prof. Mehmet Yılmaz</b>    <div style="float: right;"> Meeting ID: 966 9733 6003  Passcode: 916521 </div> </div>	
13:00-13:20	<b>INVITED SPEAKER: Prof. Luis A Angurel</b> <b>UNIZAR, SPAIN</b> <b>Laser Remelting of Al2 O3 Coatings On Cu: A Way to Increase Thermal Conductance in Heat Sinks</b>	13:00-13:20	<b>INVITED SPEAKER: Prof. Abdulkadir Cüneyt Aydın</b> <b>AU, TURKEY</b> <b>Phenomenological Aspects of Thin-Walled Cylindrical Shells: Buckling Behavior</b>	13:00-13:20	<b>INVITED SPEAKER: Prof. Suraya Abdul Rashid</b> <b>UPM, MALAYSIA</b> <b>Impacts of Carbon Quantum Dots on Chili (Capsicum annum L.) Plant Growth</b>
13:20-13:40	<b>INVITED SPEAKER: Dr. Ismayadi Ismail</b> <b>UPM, MALAYSIA</b> <b>Enhancing the Performance of Coiled Carbon Nanofibers/Mill Scale Nanocomposites at X- and Ku-band Frequency</b>	13:20-13:35	Investigation of Floor Vibrations of Steel Structure Under Earthquake <b>Oğuzhan Çelebi, Barış Bayrak, Abdulkadir Cüneyt Aydın</b>	13:20-13:35	Combination Effect of Ruthenium Complexes, Ru-PIP with Olaparib in MDA-MB-231 Breast Cancer Cells <b>Nur Ainie Yusoh, Haslina Ahmad, Suet Lin Chia</b>
13:40-13:55	Slow Pyrolysis of Disinfected COVID-19 Non-Woven Polypropylene (PP) Waste <b>M.M. Harussani, S.M. Sapuan, A. Khalina, U. Rashid, J. Tarique</b>	13:35-13:50	Operational Modal Analysis of A Historic Turkish Cupola <b>Dilek Okuyucu, Memduh Şenol Çavdar, Zabiullah Fakuori, Erdem Erkmen, Dursun Burak Özdoğan, Yusuf Gedik, Meliha Yılmaz, Burak Şahin</b>	13:35-13:50	Production of Flexible NiCo2S4/rGO Nanocomposite Paper Materials <b>Elif Erçarıkçı, Zeriş Aksu, Ezgi Topçu, Kader Dağcı Kıranşan</b>
13:55-14:10	Advances in Fabric Face Mask Combatting COVID-19 : A mini Review <b>Syahida Farhan Azha, Suzylawati Ismail</b>	13:50-14:05	Operational Modal Analysis of An Adobe Cottage <b>Dilek Okuyucu, Memduh Şenol Çavdar, Zabiullah Fakuori, Dursun Burak Özdoğan, Burak Gedik, Muhammet Özdemir, Muhammet Şahin</b>	13:50-14:05	Graphene Nanoplatelets As Adsorbent for Removal of Pharmaceutical from Water <b>Fatin Ahza Rosli, Haslina Ahmad, Khairulazhar Jumbri, Abdul Halim Abdullah, Sazlinda Kamaruzaman, Nor Ain Fathihah Abdullah</b>
14:10-14:25	Cubic-Like Mn2O3 As An Anode for Sodium-Ion Batteries Applications <b>Nor Fazila Mahamad Yusoff, Nurul Hayati Idris</b>	14:05-14:20	A product improvement story for lightweight pumice blocks <b>Zabiullah Fakuori, Memduh Şenol Çavdar, Dilek Okuyucu</b>		
14:20-14:35	First Principle Calculation and analysis of electronic and optical structure of Cd doped ZnO thin films <b>Serdar AYDIN</b>	14:20-14:35	The process of developing a new lintel product using pumice - first stage <b>Kübra Yılmaz, Zabiullah Fakuori, Memduh Şenol Çavdar, Dilek Okuyucu</b>		

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## ISASE 2021 Program: Thursday (15:00-16:35), 08 April 2021

SESSION-A		SESSION-B	
ELECTRICAL ENG. (Thursday 15:00-16:20) CHAIR: Assist. Prof. Emin A. Oral		ELECTRICAL ENG. (Thursday 15:00-16:35) CHAIR: Assist. Prof. Hacı Mehmet Güzey	
Meeting ID: 963 5786 2483 Passcode: 638621		Meeting ID: 940 0539 2954 Passcode: 968238	
15:00-15:20	<b>INVITED SPEAKER: Prof. Alper Koz</b> <b>METU, TURKEY</b> <b>Hyperspectral Imaging: Basics And Its Application For Ground Based Surveillance System For Explosive Detection</b>	15:00-15:20	<b>INVITED SPEAKER: Assist. Prof. Sinem Burcu Erdoğan</b> <b>AU, TURKEY</b> <b>Monitoring Brain Physiology in Everyday World with Functional Near Infrared Spectroscopy</b>
15:20-15:35	<b>PV Monitoring System : Data Logger Based on PcDuino a Single Board Computer</b> <b>Jaafar Elwati, Khalid Elmajdoub, Bouchaib Hartiti</b>	15:20-15:35	<b>Comparative Analysis of Microstrip Patch Antenna on Different Substrate Material Using Slit Technique for X-Band Application</b> <b>Auwalu Aminu Abubakar, Zainab Yunusa</b>
15:35-15:50	<b>Voice Pathology Classification Using Machine Learning</b> <b>Hussein Mahmood Abdo Mohammed, Aslı Nur Omeroglu, Merve Polat, Emin Argun Oral, İbrahim Yücel Özbek</b>	15:35-15:50	<b>Irradiation Impact on the PV Power Output</b> <b>Thomas Lionel Makosso, Ali Almaktoof, Khaled Aboalez</b>
15:50-16:05	<b>An Ultrathin Transparent Metamaterial Absorber Using an ITO Resistive-Film</b> <b>Gökhan Öztürk, Yunus Kaya, Uğur Cem Hasar, Mehmet Ertugrul</b>	15:50-16:05	<b>Analytical Solution of Brillouin Amplifier Equations for the Lossless Medium Working in Saturation Region</b> <b>Fikri Serdar Gökhan</b>
16:05-16:20	<b>Classification of Snoring Sounds</b> <b>Rabiye Kılıç, Nida Kumbasar, Hilal Kübra Sağlam, Emin Argun Oral, İbrahim Yücel Özbek</b>	16:05-16:20	<b>Adaptive-Network-Based Fuzzy Inference System Based MPPT Control for Stand-Alone PV systems</b> <b>Mehmet Yılmaz, Muhammed Fatih Çorapsız</b>
16:20-16:35	<b>Image Retrieval with Snn-Based Multi-Level Thresholding</b> <b>Mürsel Özan İncetaş, Mahmut Kılıçaslan</b>	16:20-16:35	<b>Application of a Microwave Metamaterial Sensor for Detection of Water Adulteration Level within Fatty Milk</b> <b>Kadir Yüzgüleç, Oğuzhan Akgöl, Vedat Özkaner</b>

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## ISASE 2021 Program: Friday (09:00-10:35), 09 April 2021

<div style="text-align: center;">  <p><b>SESSION-A</b></p> <p><b>CIVIL ENG. (Friday 09:00-10:35)</b> CHAIR: Assist. Prof. Dilek Okuyucu</p> <div style="display: flex; justify-content: space-between; align-items: center;">  <p>Meeting ID: 924 1021 4175 Passcode: 657891</p> </div> </div>		<div style="text-align: center;">  <p><b>SESSION-B</b></p> <p><b>COMPUTER SCIENCE (Friday 09:00-10:35)</b> CHAIR: Assist. Prof. Barış Özyer</p> <div style="display: flex; justify-content: space-between; align-items: center;">  <p>Meeting ID: 967 7801 6332 Passcode: 794216</p> </div> </div>		<div style="text-align: center;">  <p><b>SESSION-C</b></p> <p><b>MATERIAL SCIENCE (Friday 09:00-10:35)</b> CHAIR: Assist. Prof. Mustafa Tolga Yurtcan</p> <div style="display: flex; justify-content: space-between; align-items: center;">  <p>Meeting ID: 995 1947 3623 Passcode: 827319</p> </div> </div>	
09:00-09:20	<b>INVITED SPEAKER: Dr. Mohammed Alrubaidi</b> SU, YEMEN Investigation of Different Steel Simple Connections Under Column-Loss Scenario: Considering The Effects of A Transverse Beam	09:00-09:20	<b>INVITED SPEAKER: Assist.Prof. Noman Naseer</b> AU, PAKISTAN Neurobotics and Brain-Robot Interfacing for Robotic Rehabilitation	09:00-09:20	<b>INVITED SPEAKER: Intan Helina Hasan</b> UPM, MALAYSIA Enhanced Performance of Flexible Microstrip Patch Antenna with Ferrite Thick Film Inclusion
09:20-09:35	Preliminary Investigation on the Soil Water Content Based on the Soil Series of Terengganu State, Malaysia <b>Eng Giap Goh, Rudiyanto Giap</b>	09:20-09:35	Vector Signal Strength Different for Magnetic Field Indoor Positioning System <b>Caceja Elyca Bundak, Mohd Amiruddin Abd Rahman, Che Nursyamimi Che Saidi</b>	09:20-09:35	Stability and Repeatability Properties of TiO <sub>2</sub> /B <sub>2</sub> O <sub>3</sub> Thick Film Gas Sensor for Detecting Hydrogen at Optimum Operating Temperature <b>Siti Amaniah Mohd Chachuli, Mohd Nizar Hamidon, Mehmet Ertugrul, Md. Shuhazly Mamat, Omer Coban</b>
09:35-09:50	Treatment of Aqueous Solutions with Ammonia Content by Direct Contact Membrane Distillation <b>Ayşegül Çevik, Ahmet Bora Yavuz, Osman Nuri Ata</b>	09:35-09:50	Classification of COVID-19 Chest X-Rays Based on HOG Feature Descriptor Using SVM <b>Ferhat Bozkurt</b>	09:35-09:50	A Facile Synthesis of Rutile-Anatase TiO <sub>2</sub> Nanocuboid: The Effect of Chloride Ion <b>Kam Sheng Lau, Masliana Muslimin, Norhashimah Ramli, Chin Hua Chia, Mohammad Hafizuddin Hj Jumali, Sin Tee Tan</b>
09:50-10:05	Demolition Techniques and Rize Urban Renewal Project 1. Stage Example <b>Ali Gürbüz, Volkan Tavşan</b>	09:50-10:05	Classification of Butterfly Camouflage Images Based on Feature Extraction with Local Binary Patterns. <b>Erkan Bayram, Vasif Nabiye</b>	09:50-10:05	Effects of Nanostructured Graphitic Concentration on the Performance of Transition-Metal-Oxide-Based Supercapacitors <b>Jun Yan Lim, Kam Sheng Lau, Chin Hua Chia, Sin Tee Tan</b>
10:05-10:20	Elastoplastic Analysis of Unreinforced Masonry Walls with Openings Edin Nurkovic, Metin Karslioglu, Zeynep Unsal Aslan, Bilge Doran	10:05-10:20	Effect of Software Development Methodology on Software Quality <b>Süleyman Emir Turna, Kökten Ulaş Birant</b>	10:05-10:20	Effect of Cobalt Titanate on The Hydrogen Storage Properties of Magnesium Hydride <b>Mohammad Ismail, Nurul Amirah Ali</b>
10:20-10:35	The Effect of Beam Stiffness on Performance-Based Seismic Design of Reinforced Concrete Frames <b>Ibrahim A. Alameri, Sulaiman Al-Safi</b>	10:20-10:35	The Need for Radio Frequency Identification System <b>Muhammad Ahmad Baballe, Fatima Alkasim Nababa, Abubakar Sadiq Muhammad</b>	10:20-10:35	The Turbidity Removal Performance by Purified Natural Coagulant in Water Treatment <b>Amina Owodunni, Suzylawati Ismail</b>

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## POSTER SESSION







### ISASE 2021 Program: Friday (11:00-11:30), 09 April 2021

SESSION-A		SESSION-B		SESSION-C	
					
CHAIR: R.A. Aslı Nur Omeroglu (Friday 11:00-11:25)		CHAIR: Assist. Prof. Emin A. Oral (Friday 11:00-11:30)		CHAIR: Assist. Prof. Aslı Yılmaz (Friday 11:00-11:25)	
					
Meeting ID: 978 5764 2788 Passcode: 736954		Meeting ID: 977 5347 2135 Passcode: 402945		Meeting ID: 977 9876 7454 Passcode: 004357	
11:00-11:05	Emotion Analysis Using Facial Expressions in Video <b>Kübra Ekmekçi, Serkan Özbay</b>	11:00-11:05	ANN-Based Statistical Downscaling for Daily Rainfall Estimation <b>Khaled Alramalwi, Okan Fıstıkoğlu</b>	11:00-11:05	Comparison Between Active and Passive Power Filters in Harmonic Reduction <b>Nuralia Ezzati Yusop</b>
11:10-11:15	Electrospun CA/MSNs Nanofibrous Mats for Controlled Release of Methylene Blue <b>Haslina Ahmad, Yianchee Gan</b>	11:10-11:15	Fault Tolerant Control of Five-Phase IPMSMs Under Opened Phase Faults Based on MTPA Operation <b>Yaser Zafari, Hosseini Anissa, Sajjad Shoja-Majidabad</b>	11:10-11:15	Photovoltaic Properties of Graphene Quantum Dots-Based Dye-sensitized Solar Cell <b>Ramisha Rabeya, Savisha Mahalingam, Lau Kam Sheng, Abreeza Manap, Chia Chin Hua, Akhtaruzzaman Md, Meenaloshini Satgunam</b>
11:20-11:25	Detecting the Main Topics of Citizens' Comments in e-Government <b>Gunay Iskandarli</b>	11:20-11:25	Microstrip Series Feed Patch Antennas Enhancement with Air Vias Substrate Integrated Wave Guide at 26 GHz <b>Abd Al Menam Azzawi, Prof. Mohamad Kamal A. Rahim, Osman Bin Ayop</b>	11:20-11:25	Formulating and Characterizing Lyotropic Liquid Crystalline Nanoparticles Loaded Anti-Atherosclerosis Drugs for Better Encapsulation Efficiency <b>Mardhiah Maslizan, Mohd Mokrish Md Ajat, Intan Diana Mat Azmi</b>
		11:25-11:30	Microstrip Series Feed Patch Antennas Using Substrate Integrated Wave Guide at 26 GHz <b>Abd Al Menam Azzawi, Mohamad Kamal A. Rahim, Osman Bin Ayop</b>		

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## ISASE 2021 Program: Friday (14:00-15:40), 09 April 2021

 <div> <p>SESSION-A</p> <p>ELECTRICAL ENG. (Friday 14:00-15:40) CHAIR: Assist.Prof. Dr. Emin Argun Oral</p> <p>Meeting ID: 979 8275 4358 Passcode: 284940</p>  </div>		 <div> <p>SESSION-B</p> <p>APP. MATH. (Friday 14:00-15:30) CHAIR: Dr. Mesut Atasoyu</p> <p>Meeting ID: 927 5752 3769 Passcode: 941059</p>  </div>		 <div> <p>SESSION-C</p> <p>MECHANICAL ENG. (Friday 14:00-15:35) CHAIR: Assoc. Prof. Halim Kovacı</p> <p>Meeting ID: 967 1083 1288 Passcode: 813896</p>  </div>	
14:00-14:20	<p><b>INVITED SPEAKER: Assoc. Prof. Önder Aydemir</b> KTU,TURKEY</p> <p>EEG - Based Brain-Computer Interface System Design Techniques</p>	14:00-14:15	<p>Performance Study of A New Hybrid Parabolic Trough Collector System Integrated With Hybrid Tubular Thermoelectric Generator</p> <p>Abderrahim Habchi, Bouchaib Hartiti, Hicham Labrim, Salah Fadili, Abdellilah Benyoussef, Naoual Belouaggadia</p>	14:00-14:20	<p><b>INVITED SPEAKER: Prof. Levent Trabzon</b> ITU,TURKEY</p> <p>Engineering of Carbon-Based Nanofiller Reinforced Polyurethane Nanocomposites</p>
14:20-14:40	<p><b>INVITED SPEAKER: Dr. Zainab Yunusa</b> BUK, NIGERIA</p> <p>Functional Nanomaterials for Electronic Applications</p>	14:15-14:30	<p>Numerical Simulation of Photovoltaic Characteristics of Cadmium Telluride Thin Film Based Solar Cells</p> <p>Salaheddine Moujoud, Bouchaib Hartiti, Ali Faddouli</p>	14:20-14:35	<p>Augmented Reality Application with Marker Technology Improves Automobile Engine Assembly</p> <p>Lai Lai Win, Faieza Abdul Aziz, Northisham Seyajah, Huda hatam Dalef, Rohidatun M.W, Nadia Abdul Rani, Nalienia Muthu</p>
14:40-14:55	<p>The Development of a Smart Moisture Monitoring System for Precision Agriculture</p> <p>Labib Sharrar, Salinda Buyamin, Mohamad Shukri Zainal Abidin</p>	14:30-14:45	<p>Improved Approach of Dark Object Subtraction (DOS) for Classification of Oil Palm Cover in Different Space and Time with Landsat-8 Images</p> <p>Zhi Hong Kok, Abdul Rashid Mohamed Shariff, Siti Khairunniza Bejo</p>	14:35-14:50	<p>Analysis on Materials of Bus Superstructure in Compliance to R66</p> <p>Nur Isnida Razali, Ameen Topa, Nuraini Abdul Aziz</p>
14:55-15:10	<p>Fabrication and Characterization Of ZnO/Polyaniline Based Fet Structure H2 Gas Sensor</p> <p>Mücella Özbay Karakuş</p>	14:45-15:00	<p>Mathematical Modeling of COVID-19 Using Fractal-Fractional Derivatives</p> <p>Faranak Rabiei, Zeeshan Ali, Kamal Shah, Touraj Khodadadi</p>	14:50-15:05	<p>Vibration-based Fault Diagnosis of Rolling Element Bearing using Hybrid Metaheuristic-FNNs algorithm</p> <p>Zahidi Rahman</p>
15:10-15:25	<p>LIB-Based Static vs. LAB-Based Rotary UPS: Total Cost of Ownership</p> <p>Prosper Kabasele Ngongo, Mohamed Tariq Kahn</p>	15:00-15:15	<p>Mathematical Model for COVID-19 Outbreak in Pakistan</p> <p>Zeeshan Ali, Faranak Rabiei, Kamal Shah, Zanariah Abdul Majid</p>	15:05-15:20	<p>Mass Fraction Effect on Mechanical Properties of E-Glass Fiber Reinforced Polyethylene Composites</p> <p>Samet Sanbur, Cemal Kochan, Çiçek Öz</p>
15:25-15:40	<p>Hardware Simulator for Microgrid Systems</p> <p>Elvis Penn Muluh, Mohamed Tariq Kahn</p>	15:15-15:30	<p>A Numerical Method for the Solution to A Class of Fractional Delay Differential Equations of Nonlinear Type</p> <p>Ömür Kıvanç Kırkcı</p>	15:20-15:35	<p>High-Efficiency Smart Pump Controller</p> <p>Yavuz Sümer, Arash Ravanbakhshazar, Ahmet Kain</p>

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## ISASE 2021 Program: Friday (16:00-17:40), 09 April 2021

SESSION-A		SESSION-B		SESSION-C	
 <b>ROBOTICS (Friday 16:00-17:20)</b> <b>CHAIR: Assoc. Prof. Burak Erkeyman</b>  Meeting ID: 963 0938 6070 Passcode: 197973		 <b>ELECTRICAL ENG. (Friday 16:00-17:40)</b> <b>CHAIR: Prof. Uğur Cem Hasar</b>  Meeting ID: 928 0264 8357 Passcode: 960409		 <b>COMPUTER SCIENCE (Friday 16:00-17:15)</b> <b>CHAIR: Assist. Prof. Barış Özyer</b>  Meeting ID: 945 2162 3728 Passcode: 073099	
16:00-16:20	<b>INVITED SPEAKER: Assist. Prof. Yousef Sardahi</b> <b>MU, USA</b> <b>Multi-Objective Optimal Controls</b>	16:00-16:20	<b>INVITED SPEAKER: Assoc.Prof.Abdul-Malik Momin</b> <b>SU, YEMEN</b> <b>Applications of the Renewable Energy in Yemen</b>	16:00-16:15	<b>The Need for Solar Power Energy</b> <b>Muhammad Baballe, Abubakar Sadiq Muhammad, Isa Ibrahim</b>
16:20-16:35	<b>Leader-Follower Formation Control of Quadrotors: A Simple Virtual Leader Approach</b> <b>Kaan Can, Abdullah Başçi</b>	16:20-16:40	<b>INVITED SPEAKER: Prof.Mehmet Ertuğrul</b> <b>AU, TURKEY</b> <b>MM-RAM Composites As Radar Absorbers</b>	16:15-16:30	<b>The Challenges Faced Using the Radio Frequency Identification Rfid System</b> <b>Muhammad Ahmad Baballe, Mukhtar Ibrahim Bello, Isa Ibrahim</b>
16:35-16:50	<b>Modelling and Simulation the Position Control of a Flexible Manipulator Using Gyroscopic Actuator</b> <b>Abbas Molodty, Azizan Bin As'array</b>	16:40-16:55	<b>Implementing the P&amp;O Algorithm for Stand-Alone Small Wind Turbine System</b> <b>Ahmed Zentani, Ali Almaktouf, MTE Kahn</b>	16:30-16:45	<b>Handover Management in SDN-based 5G Small Cell Network</b> <b>Murtaza Cicioğlu</b>
16:50-17:05	<b>Kinematic Analysis of a Novel 5-DOF FDM Printer Based on Parallel Mechanism</b> <b>Mehran Mahboubkhah, Ahmet Dumlu, Kagan Koray Ayten</b>	16:55-17:10	<b>Public Health and ELF fields Case Study</b> <b>Amer Daeri, Ali Salah Elfalleh, Rajab Ibsaim</b>	16:45-17:00	<b>Design and Analysis of Parameterized Signed Booth's Multiplier in FPGA</b> <b>Bahadır Özkılbaş, Tevhit Karacalı</b>
17:05-17:20	<b>Adaptive Sliding Mode Control of Mobile Robot and Comparison with PID Controller</b> <b>Mustafa Ayyıldız, Umut Tilki</b>	17:10-17:25	<b>Analysis and Evaluation of Electricity Consumption in Low Voltage Distribution Grids in Ankara Metropolitan Area</b> <b>Ali Karaçoban, Ahmet Karaarslan</b>	17:00-17:15	<b>Comparison of Classical ML with DL Methods for Network Intrusion Detection in IoT</b> <b>Siham Amarouche, Kerem Küçük</b>
		17:25-17:40	<b>Inversion Coefficient Design Methodology on the Design of Inverter Based OTA</b> <b>Mesut Atasoyu</b>		

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## CLOSING CEROMONY

Meeting ID: 943 0206 9899

Passcode: 204919

TIME	SPEAKER
17:45-17:50	<b>Assist. Prof. Emin Argun ORAL</b> <b>On Behalf of Organizing Committee, Atatürk University</b>
17:50-17:55	<b>Assist. Prof. Dilek Okuyucu</b> <b>On Behalf of Organizing Committee, Erzurum Technical University</b>
18:00-18:05	<b>Prof. Bülent Çavuşoğlu</b> <b>The Head of Electrical and Electronics Engineering Department of Ataturk University</b>
18:05-18:10	<b>Prof. Mohd Nizar Hamidon</b> <b>On Behalf of Organizing Committee, University Putra Malaysia</b>
18:10-18:15	<b>Prof. Recep Sadeler</b> <b>The Dean of Engineering Faculty, Ataturk University</b>