

<b>ISASE 2018 TIME TABLE</b>		
<b>ORHAN YAVUZ AMPHI, SCIENCE FACULTY</b>		
	<b>NOV 27<sup>TH</sup> TUESDAY</b>	<b>NOV 28<sup>TH</sup> WEDNESDAY</b>
		<b>Session-OY4 (Chair: Prof. Dr. Sebahattin Tüzemen)</b>
08.30-09.00	Registration	-
09.00-09.20	Opening Ceremony	<b>Assist. Prof. Burcu Savaşkan</b> Trapped magnetic field properties of multi-seeded bulk YBCO superconductors fabricated by using top-seeded melt growth process
09.20-09.40		<b>Assist. Prof. Ferhunde Aysin</b> Evaluation of the Protective Effect of Boric Acid against Renal Ischemia-Reperfusion Injury
09.40-10.00		<b>Kübra Solak</b> Catechin for Cancer Immunotherapy
10.00-10.20	<b>Prof. Dr. Taşkın Öztaş</b> Introduction of Ataturk University	<b>Assist. Prof. Dilek Okuyucu</b> A Case Study For Structural Model Update By Operational Modal Analysis : Erzincan Değirmenliköy Church
<b>Break</b>	<b>Session-OY1 (Chair: Assoc. Prof. Ayşe Bayrakçeken Yurtcan)</b>	<b>Session-OY5 (Chair: Prof. Dr. Emre Gür)</b>
10.40-11.00	<b>Prof. Dr. Hamdullah Kılıç</b> Mechanistic Studies on the Epoxidation and Aziridination Reactions <b>(Invited Paper)</b>	<b>Prof. Dr. Hasan Efeoğlu</b> Growth Rate Enhancement of TiO <sub>2</sub> by R-HiPIMS and Application to Memristor Fabrication <b>(Invited Paper)</b>
11.00-11.20	<b>Assoc. Prof. Dr. Abdul Halim Abdullah</b> Degradation of methyl orange dye by visible light driven photocatalyst	<b>Assoc. Prof. Dr B.T. Hang Tuah Baharudin</b> Stent Manufacturing using Medical Grade ASTM F75 Cobalt Chromium (CoCrMo) by Selective Laser Melting (SLM) Technology <b>(Invited Paper)</b>
11.20-11.40	<b>Prof. Dr. Sebahattin Tüzemen</b> LED, Solar-Cell and Gas Sensor Applications of Micro and Nano-Structures in Oxide and Perovskite Materials <b>(Invited Paper)</b>	<b>Assoc. Prof. Ayşe Bayrakçeken Yurtcan</b> Fuel Cell Materials <b>(Invited Paper)</b>
11.40-12.00	<b>Assoc. Prof. Dr. Mohd Nizar Hamidon</b> Fabrication of Piezoresistive Nanocomposite using Functionalized Carbon Nanotubes (fCNT) and Polydimethylsiloxane (PDMS) towards pressure Sensing Applications <b>(Invited Paper)</b>	<b>Assit. Prof. Canan Aksoy</b> Comparison of Superconducting Joints Fabricating by Using Different Techniques
<b>LUNCH</b>	<b>Session-OY2 (Chair: Assoc. Prof. Dr. Mohd Nizar Hamidon)</b>	<b>Session-OY6 (Chair: Prof. Dr. Bülent Çakmak)</b>
13.40-14.00	<b>Prof. Dr. İhsan Efeoğlu</b> Functional Depositions and Applications for Defense Industry <b>(Invited Paper)</b>	<b>Prof. Dr. Emre Gür</b> Growth of 2D WS <sub>2</sub> by RF Sputtering and Applications <b>(Invited Paper)</b>

14.00-14.20	<b>Assoc. Prof. Dr. Khamirul Amin Matori</b> Current Trend and Status of Bioceramics for Dental Applications in UPM, Malaysia <b>(Invited Paper)</b>	<b>Assist. Prof. Şahin Coşkun</b> Silver Nanowire Based Transparent Electrodes and Heaters
14.20-14.40	<b>Prof. Dr. Dia Abualnadi</b> Model Order Reduction of LTI Systems Using Particle Swarm Optimization <b>(Invited Paper)</b>	<b>Dr Haslina Jaafar</b> Graphene-Latex Conductive Film
14.40-15.00	<b>Prof. Dr. Süleyman Toy</b> Indices and Computer Models Used to Calculate and Estimate Outdoor Human Thermal Comfort	<b>Assist. Prof. Mehmet Yılmaz</b> Novel Approaches in Synthesis of Chiral Nanostructures
<b>Break</b>	<b>Session-OY3 (Chair: Prof. Dr. Dia Abualnadi)</b>	<b>Session-OY7 (Chair: Assoc. Prof. Dr. Khamirul A. Matori)</b>
15.20-15.40	<b>Assoc. Prof. Dr. Suraya Abdul Rashid</b> Biochar-derived Carbon Quantum Dots: Preparation, Characterization and Potential Applications	<b>Assoc. Prof. Dr. Jasronita Jasni</b> Transformer Health Index Assessment Model
15.40-16.00	<b>Prof. Dr. Bülent Çakmak</b> Fabrication and Characterization of Semiconductor Lasers <b>(Invited Paper)</b>	<b>Prof. Dr. German F. de la Fuente</b> Laser Surface Modification of Materials <b>(Invited Paper)</b>
16.00-16.20	<b>Assoc. Prof. Dr. Zulkiflle Leman</b> Water Absorption, Flexural Strength And Calcium Carbonate Content In A Composite Crossarm	<b>Assist. Prof. Mustafa Tolga Yurtcan</b> Pulsed Laser Deposited CeO <sub>2</sub> /LaAlO <sub>3</sub> Thin Film Orientations at Different Temperatures
16.20-16.40	<b>Assist. Prof. Nihal Simsek Ozek</b> Treatment Potential of Boric Acid Supplementation on Liver Injury Induced by Renal Ischemia-Reperfusion	<b>Ibtihel Zaier</b> The Application of Fenton's Reagent as an Efficient System in The Treatment of Soil Contaminated with Used Lubricating Oils
16.40-17.00	<b>Assist. Prof. İsmail Bezirganoğlu</b> An evaluation of antibiotics for the elimination of Agrobacterium tumefaciens from Melon (Cucumis melo L.) cotyledon explants	<b>Assist. Prof. Dr. Ömer Faruk Karataş</b> Tumor Suppressive Role of ING5 in Prostate Cancer <b>(Invited Paper)</b>
17.00-17.20	<b>Hilal Kübra Sağlam</b> Modeling of DSAWR Sensor for Different Resistance Values of Active Layer	<b>Fatma Nur Tuzluca</b> Enhancement of Energy and Power Density of Batteries and Supercapacitors Electrode Hybridization
<b>POSTER SESSION</b>		
17.00	RETURN to HOTEL	<b>CLOSING CEREMONY</b>

**K9 LECTURE HALL, SCIENCE FACULTY**

<b>NOV 27<sup>TH</sup> TUESDAY</b>		<b>NOV 28<sup>TH</sup> WEDNESDAY</b>
		<b>Session-LH5 (Chair: Assit. Prof. Canan Aksoy)</b>
09.00-09.15	-	<b>Yasar Ozkan Yesilbag</b> Hierarchical CuO@CuS coreshell nanowires for supercapacitor electrode materials
09.15-09.30		<b>Aykut Coşkun</b> YBCO Metamaterials Fabricated by Screen Printing Method
09.30-09.45		<b>Derya Tekin</b> Synthesis And Characterization Of Rgo/Tio2/Peg Nanocomposite
09.45-10.00	-	<b>Mehmet Masat</b> Fabrication of Metal Oxide Carbon Dioxide Detector with Screen Printing Technique for Use on Airplanes
10.00-10.15	-	<b>Meryem Samancı</b> Investigation of Structural Changes with the Addition of Graphene to Carbon Aerogel
<b>Break</b>	<b>Session-LH1 (Chair: Assist. Prof. Ferhunde Aysin)</b>	<b>Session-LH6 (Chair: Assoc. Prof. Dr. Suraya Abdul Rashid)</b>
10.35-10.50	<b>Ahmet Dumlu</b> PID Type Sliding Mode Controller Design for an Autonomous Electric Wheelchair	<b>Gürkan Kalınay</b> A Microwave Bandpass Filter Design
10.50-11.05	<b>Hacı Mehmet Güzey</b> Sub-Optimal Consensus-Based Formation Control of Fixed-Wing MUAV's	<b>Işıl Karabey Aksakallı</b> Using Convolutional Neural Network for Android Malware Detection
11.05-11.20	<b>Kağan Koray Ayten</b> Sliding Mode Controller Design for PMDC Motor	<b>Yunus Kaya</b> Determination of Negative Constitutive Parameters Based on a Square Split Ring Resonator Left Handed Metamaterial Using Waveguide
11.20-11.35	<b>Ahmet Numan Özakın</b> Energy Efficiency and Energy Management in Asphalt Plants	<b>Hilal Koç</b> Step By Step Investigation of Reconfigurable Microstrip Patch Antenna
11.35-11.50	<b>Faruk Yeşildal</b> The Effect of Spray Characteristics Drop Diameters And SMD Correlations	<b>Burcu Tiryaki</b> Traffic Sign Recognition Using Deep Convolutional Neural Network
11.50-12.05	<b>Taner Tekin</b> Synthesis of core-shell SiO <sub>2</sub> /ZnO Nanoparticles and Determination of their Photocatalytic Activity	<b>Hussein Mahmood Abdo Mohammed</b> Road Lane Detection with CNN
<b>LUNCH</b>	<b>Session-LH2 (Chair: Prof. Dr. Emre Gür )</b>	<b>Session-LH7 (Chair: Prof. Dr. Cavit Kazaz)</b>
13.40-13.55	<b>Alpgiray Turgut</b> The Comparison of Anticandidal Activity derived from Protein and Non-protein Compounds of Two Penicillium species	<b>Mehmet Semih Bingöl</b> Polar Membrane Preparation and Characterization

13.55-14.10	<b>Sumeyra Gurkok</b> Antifungal potential of Serratia plymuthica chitinase against phytopathogens	<b>Hakan Kızıldaş</b> Production and Characterization of TiO <sub>2</sub> and NiS Doped TiO <sub>2</sub> Nanotube Photocatalysts
14.10-14.25	<b>Ayşe Üstün</b> Antibiofilm Effect of Levofloxacin-Loaded Polymeric Nanoparticles against Staphylococcus aureus	<b>Said Rajab ABDULLAHI</b> Investigation of Effect of Initial Salt Concentration on Acid and Base Production From KCl Solution By Bipolar Membrane Electrodialysis
14.25-14.40	<b>Özge Çağlar</b> The Effect of Hypericum Perforatum and Plantago Major Plant Extracts on Human Sh-Sy5y Cell Line	<b>Jale Naktiyok</b> Copper hydroxide sulfate was synthesized by chemical precipitation method from a mixed solution of CuSO <sub>4</sub> and NaOH
14.40-14.55	<b>Taner Tekin</b> Synthesis of core-shell SiO <sub>2</sub> / TiO <sub>2</sub> Nanoparticles and Determination of their Photocatalytic Activity	<b>Ayşenur Öztürk</b> Improvement water management in PEM fuel cell by using microporous layer with PDMS polymer and polystyrene-silica nanoparticles
<b>Break</b>	<b>Session-LH3 (Chair: Prof. Dr. Hasan Efeoğlu)</b>	<b>Session-LH8 (Chair: Assist. Prof. Dilek Okuyucu)</b>
15.20-15.35	<b>Günay Çakır</b> Determining To Accuracy Of Geo-Referencing The Aerial Photographs And High-Resolution Satellite Image: Case Uludag, Bursa	<b>Ahmet Yasir Kanbur</b> Was Leonardo Da Vinci's Golden Horn Bridge Possible?
15.35-15.50	<b>Meryem Samancı</b> Graphene Aerogel Synthesis Methods for Energy Conversion and Storage Applications	<b>Emre Kuşkapan</b> Smart Parking System: A Case Study of Istanbul
15.50-16.05	<b>Meltem Gör Bölen</b> A Comparison of Proton transfer properties of PS and Nafion	<b>Mustafa Ali Dokuyucu</b> Analysis of the Hunter-Saxton equation with Caputo-Fabrizio fractional derivative
16.05-16.20	<b>Sinan Kul</b> Investigation of the Effect of Particulate Size and Mixing Speed on Copper Removal from Aqueous Solutions Used as Adsorbent Activated Sludge	<b>Abdourahamane Zakari Seybou</b> Investigating the Relationship Between Summer Rainfall Variability in Niger and El Niño3 Index
16.25-16.40	<b>Elanur Aydın Karataş</b> Molecular genetic and biochemical responses in primary human airway epithelial, liver hepatocytes and peripheral blood cell cultures exposed to zinc oxide based nanoparticles in vitro	<b>Özlem Çomaklı Sökmen</b> Measurement Of Efficiency Of Branches For An Firm With Data Envelopment Analysis
16.40-16.55	<b>Mojtaba Farhangmehr</b> The formation of transparent Glass-Ceramic thin film with changeable optical absorption	<b>Ferhat Yuna</b> Arc Routing Problem and Solution Approaches in Directed Networks
<b>Break</b>	<b>Session-LH4 (Chair: Assoc. Prof. İ. Yücel Özbek)</b>	<b>Session-LH9 (Chair: Assist. Prof. Emin A. Oral )</b>
17.15-17.30	<b>Damla Rüzgar</b> Investigation Of Multiple Enzyme Activity of Thermophilic Bacillus Species	<b>Nida Kumbasar</b> Classification of Images Obtained by SAR (Synthetic Aperture Radar) Data
17.30-17.45	<b>Merve Şimşek</b>	<b>Aşlınur Ömeroğlu</b>

	Isolation and Identification of Pigment Producing Bacteria and Evaluation of Their Usage Potentials as Biocolorants in Biotechnology	Object Detection with Faster R-CNN algorithm
17.45-18.00	<b>Mustafa Samet Çelik</b> A Low Noise Amplifier at 1.5 GHz	<b>Rabiya Kılıç</b> Detection Of Plant Disease From Plant Image
18.00-18.15	<b>Muhammet Harun Osta</b> Energy Analysis of Asphalt Plants	<b>Merve Polat</b> Ship Detection
18.15-18.30	<b>Ayşe Bayrakçeken Yurtcan</b> Drawbacks in Carbon Supported Electrocatalysts of PEM Fuel Cells	<b>Hilal Kübra Sağlam</b> Detection of Diabetic Retinopathy with Integration of Deep Learning
18.30-18.45	<b>Serkan Bayar</b> Reactive Red 45 of Textile Dyestuff Electrochemical Treatment	<b>Demet İskenderoğlu</b> Cr-Dopant Effect on CdO Thin Films
18.45-19.00	<b>Murat Han Ertuğrul</b> The Effect of Mistletoe on The Growth of Scots Pine	<b>Osman Komut</b> Assessment of The Vocational Qualifications Gained Through The Curriculum of The Forestry and Forestry Products Department

**POSTER SESSION (SCIENCE FACULTY ENTRANCE HALL)**  
**NOVEMBER 27<sup>th</sup>-TUESDAY, 14:00-17:00**

<b>Süleyman Toy</b> Evaluation of the effects of meteorological events on flights, example of Erzurum International Airport
<b>Ismayadi Ismail</b> Synthesis of Carbon Nanotube from Waste Cooking Oil Catalysed by Mill Scale Waste for Development of Microstrip Patch Antenna
<b>Intan Helina Hasan</b> Ferrites based thick film for enhanced microstrip patch antenna
<b>Fatma Bayrakçeken Nişancı</b> Characterization and synthesis of high quality binary metal oxide electrode materials by electrochemical methods on conductive substrates
<b>Rosiah Osman</b> Properties of Silica Ceramics derived from Rice Husk Ash
<b>Hilal Kübra Sağlam</b> COMPARISON of 1300nm HYBRID DIODE LASERS with InGaAsP/InP MQW LASERS
<b>Raba'ah Syahidah Azis</b> Magnetite (Fe <sub>3</sub> O <sub>4</sub> ) nanoparticles as adsorbents for Cu removal from aqueous solutions
<b>Emine Öner</b> Synthesis and characterization of GA and GA/Ppy Support Materials for PEM Fuel Cell
<b>Rosnita A Talib</b> Green Synthesis of Zinc Oxide and Application in Microbially Active Biopolymer Packaging Films
<b>Merve Acar</b> Fabrication of WS <sub>2</sub> Field Effect Device
<b>Mesut Eryiğit</b>

Electrochemical Fabrication Of Pedot/Ergo/Au Nanocomposite Electrodes For Dopamine Sensor
<b>POSTER SESSION (SCIENCE FACULTY ENTRANCE HALL)</b> <b>NOVEMBER 27<sup>th</sup>-TUESDAY, 14:00-17:00</b>
<b>Emir epni</b> Photoelectrochemical Properties of Electrochemical Fabricated TiO <sub>2</sub> Nanostructures
<b>Bingül Kurt Urhan</b> Lead Oxide-Electroreduced Graphene Oxide (PbO-ERGO) Nanocomposite for Non-enzymatic Glucose Sensor
<b>Muhammed Raşit Öner</b> The Effect of Temperature on Acid and Base Production From NH <sub>4</sub> Cl-NaCl Salt Solution By Bipolar Membrane Electrodialysis
<b>Derya Tekin</b> Synthesis And Characterization of RGO/TiO <sub>2</sub> /PVA Nanocomposite
<b>Elif Erarikci</b> Preparation OF ZnO Nanoparticles Using Polyol And Hydrothermal Methods
<b>M.Dilruba Geyikođlu</b> Design And Production Of An Amperometry Device For Measuring Neurotransmitter Concentration
<b>İsmail Bezirganođlu</b> Response of five triticale genotypes to salt stress in in vitro culture
<b>Hamed Shamsi</b> Sleep Stage Classification Using EEG Signals Based on Duration Depended Hidden Markova Model
<b>Özlem Barış</b> Nanobiosynthesis of CdTe Quantum Dots by Viridibacillus arenosi K64
<b>Mehmet Yılmaz</b> Nanostructured Organic Semiconductor Thin Films as Surface Enhanced Raman Spectroscopy (SERS) Platforms
<b>Hakan Kızıltaş</b> Production and Characterization of TiO <sub>2</sub> and ZnS Doped TiO <sub>2</sub> Nanotube Photocatalysts