

04 OCTOBER ORAL SESSIONS

	04 October 2018-ÜRGÜP HALL	04 October 2018-SİNASOS HALL	04 October 2018-PROKOPİ HALL	04 October 2018-NİSSA HALL			
09:00	REGISTRATION and TEA, COFFEE						
11:30	OPENING CEREMONY Prof.Dr. Fahrettin YAKUPHANOĞLU						
	INVITED SPEAKER Prof.Dr. Halime ÖMÜR PAKSOY "New Trends in Thermal Energy Storage Materials"						
12:00	LUNCH LUNCH LUNCH LUNCH LUNCH LUNCH						
13:30	CHAIR: Prof.Dr. Halime ÖMÜR PAKSOY		CHAIR: Prof.Dr. Seyhan TUKEL		CHAIR: Dr. Yashar Azizian KALANDARAGH		CHAIR: Prof.Dr. Metin ÖZDEMİR
	INVITED SPEAKER Dr. Vasilios KARANİKOLAS		INVITED SPEAKER Dr. Kristina R. RUSIMOVA		Yassine Abdelhamid SLIMANI		INVITED SPEAKER Prof.Dr. Şemsettin ALTINDAL
	Quantum Optics with MoS ₂ 2D material: From Efficient LED Applications to Strong Light-Matter Coupling	13:30	Hot Electron Chemistry at a Distance: Nonlocal Manipulation with the Scanning Tunneling Microscope	13:30	Superconducting and flux pinning properties in Y-123 added with nano-sized TiO ₂ particles and wires	13:30	Efficiency and fundamental losses in Solar Cell
14:00	Amjad AL-SHAWI		I.M.AFANDİYEVA		Bukhari Abubakar ADAM		Murat DURANDURDU
	Tipspentacene- based organic thin film transistors as gas sensor	14:00	Influence of temperature and voltage on the dielectric properties and electrical conductivity of PtSi/n-Si Structures	13:45	Surveillance of typhoid fever as neglected tropical disease in Kano/Abuja, Nigeria	13:45	Electric and Mechanical Properties of Amorphous Silicon Hexaboride
14:15	Doğan KAYA		Seda KARABOGA		Gizem ÇETİN		Salim ÇERÇİ
	Electric Field Effect of a Nano STM tip on a C ₆₀ Molecule on a Metal Surface: FEMM Simulation	14:15	Palladium(0) Nanoparticles Stabilized on the Surface of Nanoalumina as Active Catalyst In Dehydrogenation of Dimethylamine Borane	14:00	Structural composition and thermoelectric properties of bulk Bi ₂ Ca _{2-x} NaxCo ₂ O materials	14:00	Heat Transfer Modeling And Simulation For A Polymer Electrolyte Membrane Fuel Cell Stack

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14 : 30	Cengiz SOYKAN	14 : 30	Hatice Hilal KURT	14 : 15	Gönül AKÇA	14 : 15	Perihan DURMUŞ
	In-Situ Synthesis Of Polymer-Clay Nanocomposites: Interelation Of Organophilic Montmorillonite Nanolayers In Poly(4-Chloro Naphtyl Methacrylate)		The Exploration of The Infrared Converter Cell With CdS Cathode		Magnetic and magnetocaloric properties of La _{0.7} Ca _{0.2} Sr _{0.1} MnO ₃ manganite		Investigation of Admittance Characteristics of Au/2% graphene-cobalt doped (Ca ₃ Co ₄ Ga _{0.001} Ox)/n-Si MIS structure
14 : 45	Maheen MAZHAR	14 : 45	Emine ALDIRMAZ	14 : 30	Ayşegül Özlem ÇETİN	14 : 30	
	Fabrication and Characterization of Anthocyanin and Betalain Natural Dye Sensitized Solar Cell		The change with deformation of phase transformation temperatures in CuMnZn alloy		Amorphous Silicon Triboride: A First Principles Study		
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	CHAIR: Dr. Mustafa AKYOL		CHAIR: Dr. Vasilios KARANİKOLAS		CHAIR: Prof.Dr. Habibe USLU TECİMER		CHAIR: Prof.Dr. Murat DURANDURDU
15 : 15	INVITED SPEAKER Prof.Dr. Muhammad Hassan SAYYAD	15 : 15	INVITED SPEAKER Assoc.Prof.Dr. Recep ZAN	15 : 00	İlbilge DÖKME	15 : 00	
	Next-Generation Photovoltaic Technologies -Towards Commercialization		Graphene for Si-based Heterojunction Solar Cell		The dielectric characteristics of Au/n-GaAs junction for different frequencies at two temperatures		
15 : 45	Yasemin ÇİFTÇİ	15 : 45	Esra ERBİLEN TANRIKULU	15 : 15	Nuray YERLİ	15 : 15	Selçuk DEMİREZEN
	Elastic Properties of Zr Doped TiB (Zr _{1-x} Ti _x B) Alloys By First-Principles Study		Frequency Dependent Dielectric Properties, Electric Modulus and ac Electrical Conductivity of Al/ (C ₂₉ H ₃₂ O ₁₇) /p type Si (MPS) Structure		Fabrication And Photocatalytic Activity Investigation of SiO ₂ -CaO-Al ₂ O ₃ -ZrO ₂ -TiO ₂ -CeO ₂ Ceramic Nanofiber By Combined Sol-Gel And Electrospinning Techniques		Investigation of frequency and voltage dependent dielectric properties, electric modulus and electrical conductivity in the Al/(%5 Coumarin doped PVA)/p-Si (MPS) capacitors using impedance spectroscopy method

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16 : 00	Serap Senturk DALGIC		Numan HODA		Meryem EVECEN		Seçkin ALTINDAL YERİŞKİN
	Molecular Dynamics investigations of hollow Cu ₃ Pd nanoparticles confined in Carbon Nanotubes	16 : 00	Synthesis Of Ag, Au And Bimetalic Ag-Au Nanoparticles Using Aqueous Turmeric Extract	15 : 30	Molecular, Electronic and Nonlinear Optical Properties of tris(3hydroxypropyltriazolylmethyl) amine molecule by DFT method	15 : 30	Investigation of frequency and voltage dependent electrical characteristics in Al/p-Si (MPS) structures with different rates (Coumarin doped PVA) interfacial layer
16 : 15	Mustafa Ersin PEKDEMİR		Süleyman İNAN				Volkan KORKUT
	Synthesis and Characterization of Poly (N-isopropylacrylamide-co-2-acrylamidoglycolic acid) / Magnetic nanoparticle composites	16 : 15	Sorption Studies Of La(III), Pr(III), Nd(III), Sm(III), Eu(III) and Gd(III) Using Cyanex 272 Impregnated Amberlite XAD 16 Resin	15 : 45		15 : 45	Comparison And Decision Criteria Of Various Material Jetting Technologies In Terms Of Additive Manufacturing
16 : 30	Emel AKYOL		Mehmet Ali OLGAR		Tuba ÇAKICI		Nalan ERDÖL AYDIN
	Effect of decabromodiphenylethane and antimony trioxide on the flame retardancy of ethylene-propylene-diene copolymer	16 : 30	Comparative Study on the Impact of Stacking Order of Precursor Layer Films by Exposing the Precursors Layers to the Sulfur Vapor at Low Temperature	16 : 00	Fabrication of Microbial Synthesized ZnSe-NPs as Thin Films and ZnSe/p-Si Device Application	16 : 00	Investigating of the temperature effect on drug realese performance hydroxiapatite-chitosan nanocomposites
16 : 45	Şemsettin ALTINDAL		Veysi GÜÇKAN		Bakiye ÇAKIR		Esra EVCİN BAYDİLLİ
	Photocurrent characteristics of Au/ p-Si (MS) type photo-diode with (%2 ZnO-doped CuO)/ Interfacial layer by sol gel method	16 : 45	A preliminary study of TL and OSL properties of MgO doped with Gd and Tb	16 : 15	Magnetic Properties of MPMG Y123 Samples with Different Ag ₂ O Addition	16 : 15	On the Profile of Frequency Dependent Electrical Characteristics in Al/Polyvinyl Alcohol (Zndoped)/ p-Si Schottky Barrier Diodes
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	05 October 2018-ÜRGÜP HALL	05 October 2018-SINASOS HALL		05 October 2018-PROKOPİ HALL		05 October 2018-NİSSA HALL	
08 : 00	REGISTRATION and TEA, COFFEE	REGISTRATION and TEA, COFFEE		REGISTRATION and TEA, COFFEE		REGISTRATION and TEA, COFFEE	
09 : 00	CHAIR: Prof.Dr. Grzegorz KARCZEWSKI		CHAIR: Dr. Kristina RUSIMOVA		CHAIR: Prof.Dr. Zehra YEĞİNGİL		CHAIR: Prof.Dr. Şule AYTAŞ
	INVITED SPEAKER Assoc.Prof.Dr. Ali ÇOŞKUN	09 : 00	INVITED SPEAKER Dr. Mustafa AKYOL	09 : 00	Numan HODA	09 : 00	
	Tailoring Supramolecular Polymers For Gas Separation And Energy Storage Applications		Spin-Orbit Torques in Metal Layers		Biosynthesis of Bimetallic Ag-Au (core-shell) Nanoparticles Using Aqueous Extract of Bay Leaves (Laurus nobilis L.)		
09 : 30	Ali Osman AYAŞ		Volkan ALTUNAL				Tayfun YARDIM
	The Structural and Magnetic Study with Room Temperature Range Magnetocaloric Effect Observation on PrSr _{0.5} Pb _{0.5} Mn ₂ O ₆ Polycrystalline Perovskite Compound	09 : 30	Systematic development of an OSL dosimeter based on BeO	09 : 15		09 : 15	Comparison of Electronic Parameters of Low Voltage Organic Field-Effect Transistors with PMA and Novel P18&P28 Gel Gate Dielectrics
09 : 45	Murat SOYLU		Metin ALTAN		Pınar TUNAY TAŞLI		Rasiha Nefise MUTLU
	Calcined and carbon-incorporated NiO thin films	09 : 45	Differences in Deep Space Objects Observed With Different CCDs	09 : 30	Experimental and computational studies of newly synthesized azo dyes based material	09 : 30	Investigation of Crystal Structure of FeNi / Ag Cathode for Al-Air Battery

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10 : 00	Bekir ÖZKAN		Sadia Muniza FARAZ		Esra YÜKSELTÜRK		Tayfun YARDIM
	Comparison Of The Separation Efficiency Of Cyanex-272 And D2EHPA Impregnated Resins For Rare Earth Elements	10 : 00	Fabrication an Characterization of Anthocyanin and Betalain Natural Dye Sensitized Solar Cell	09 : 45	On the voltage dependent profiles of surface states and their relaxation times in Al/C29H32O17/p-Si (MPS) structure by using conductance method	09 : 45	Comparative Study of Organic Field-Effect Transistors with Gel Gate Dielectrics and PEDOT:PSS Composite Gate Electrode
10 : 15	Gülçin ERSÖZ DEMİR		İrem ALP		Meryem EVECEN		Derya FARİSOĞULLARI
	On The Frequency and Voltage Dependence Profile of Complex Dielectric, Complex Electric Modulus and Electrical Conductivity in Al/ZnO/p-GaAs Structures	10 : 15	Hydrogen Adsorption Ability of Mg-decorated Graphene Allotrope	10 : 00	Spectroscopic study of N-(4-Methoxyphenylthio)phthalimide using theoretical method	10 : 00	The Annealing Effect on Superconductivity Properties of Fe _{1+d} Te _{0.6Se0.4} (d=0, 0.05) Polycrystals Deposited by Solid State Reaction Method
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	CHAIR: Prof.Dr. Raşit TURAN		CHAIR: Prof.Dr. Emel YILDIZ		CHAIR: Prof.Dr. Murat SOYLU		CHAIR: Prof.Dr. Gülasıye AYÇIK
10 : 45	Doğan KAYA				İlknur KARS DURUKAN		Melek CUMBUL ALTAY
	Thiolate-Au Interfarece Stabilization with Fulleren Molecule in Scanning Tunneling Microscopy	10 : 45		10 : 30	Pressure Effects on Electronic and Elastic Properties of Half-Heusler Semiconductor AgScSi for Optoelectronic Applications	10 : 30	Reduction of NiO via Waste Rubber Pyrolysis Route
11 : 15	Gül Asiye AYCIK		İlbilge DÖKME		A. Özgür POLAT		Raziye ERTUĞRUL UYAR
	Thermal characterization of hematite and ilmenite reinforced polyester composites and effect of reinforcement size on thermal properties	11 : 15	The capacitance characteristics of Au/n-GaAs junction in the temperature range of 80- 300 K	10 : 45	Neural Network based E-k Diagram Fitting	10 : 45	Ionizing Dose Radiation Effects on Electrical Properties of MIS Device

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11 : 30	Şenol SERT		Hilmi ÜNLÜ		Sevgi ÖZDEMİR KART		Filiz KELEŞ
	Rare Earth Sorption from Nitric Acid Solutions using D2EHPA Impregnated XAD16 Resin (SIR)	11 : 30	Strain Effects on Bandgap, Diameter and Dielectric Constant of Bare CdSe Core and CdSe/ZnS Core/Shell Quantum Dots at any Temperature	11 : 00	Thermal Stability of Au ₃ Pd and Pd ₃ Au Core-shell Nanoparticles by Molecular Dynamics Study	11 : 00	Optical simulation study of n-Si/p-Si core/shell nanorod array devices
12 : 00	LUNCH LUNCH LUNCH LUNCH LUNCH LUNCH						
	CHAIR: Assoc.Prof.Dr.Recep ZAN		CHAIR: Assoc.Prof.Dr. Ali ÇOŞKUN		CHAIR: Prof.Dr. Faruk KARADAĞ		CHAIR: Assoc.Prof.Dr. Zafer ŞERBETÇİ
13 : 30	INVITED SPEAKER Prof.Dr. Raşit TURAN		Dr. Kristina R. Rusimova		Murat SOYLU		Nazan DEMİRYÜREK
	Nanoscale Surface Structuring for Light Management for Crystalline Si Solar Cell Applications	13 : 30	Regulating the Femtosecond Excited State Lifetime of a Single molecule	13 : 30	Effect of coumarin on electrical characteristics of NiO/p-Si heterojunctions	13 : 30	Magnetic Properties of MnO _y Nanoparticles Synthesis by Polyol Method
14 : 00	Hatice Hilal KURT		Semra KIRBOĞA		Nalan ERDÖL AYDIN		Esmâ AHLATÇIOĞLU ÖZEROL
	Optoelectronic Properties of The InP Electrode In A Micro Plasma Structure	13 : 45	Investigation of The Effects of Calcium Carbonate on The Properties of Biopolymer Composites	13 : 45	Research on drug loading performance of hydroxiapatite-gelatin nanocomposites by coprecipitation method	13 : 45	Dielectric Parameters and AC Conductivity Mechanism of Poly(N-vinyl carbazole) Nano Clay Composites at High Frequency
14 : 15	Noura KOUKI		Perihan DURMUŞ		Sabriye YUŞAN		Şekip DALGAÇ
	Microstructural, magnetic, magnetocaloric and electrical properties of Ni _{0.4} Mg _{0.3} Cu _{0.3} Fe ₂ O ₄ ferrite prepared using sol-gel method	14 : 00	Frequency Dependence of Electrical Parameters of Au/n-Si structures with 2% graphene-cobalt doped (Ca ₃ Co ₄ Ga _{0.001} O _x) interfacial layer	14 : 00	Development, characterization, and Ce(III) biosorption performance of magnetite/olive pomace nanocomposite	14 : 00	Metamaterial Sensor For Detecting Adulteration

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14 : 30	İsmail Hakkı KARA		Hava CAVUSOĞLU VATANSEVER		Yasemin SAFAK ASAR		
	Effect of Nd on Wear Behaviour of Hot Rolled AZ31 Mg Alloy	14 : 15	Investigation of the electrospinning parameters on the diameter of the polyvinylpyrrolidone nanofibers containing silver nanoparticles using Box-Behnken design ‘	14 : 15	On the anomalous peak in the capacitance-voltage characteristics of Au/TiO ₂ /n-Si (MIS) structures at the accumulation region	14 : 15	
14 : 45	Murat YILDIRIM		Ayşen AKTÜRK		Barış ALTAN		Ayşegül Özlem ÇETİN
	The electrical and dielectric characterization of Al/In:ZnO/p-Si heterojunction device	14 : 30	Fabrication of ZnO Doped Gelatin/Alginate Nanofibers for Wound Dressing Applications	14 : 30	Effects of the B-site cation doping on the electrical properties and the crystal structure of La _{0.80} Ag _{0.20} Mn _{0.9} B _{0.1} O ₃ (B = Mn, Cu and Mo) Compounds	14 : 30	Ab initio Simulations of Boron-Rich Amorphous Boron Nitride
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	CHAIR: Prof.Dr. Hilmi ÜNLÜ		CHAIR: Prof.Dr. Yasemin ÇİFTÇİ		CHAIR: Prof.Dr. Serap ŞENTÜRK DALGIÇ		CHAIR: Prof.Dr. İlbilge DÖKME
15 : 15	INVITED SPEAKER Prof.Dr. Muhammad Hassan SAYYAD				Mehmet S. BOZGEYİK		INVITED SPEAKER Prof.Dr. Ulvi ULUSOY
	Photoanode annealing effect on charge transport in dye-sensitized solar cell	15 : 00		15 : 00	Variation of Structural and Dielectric Properties of La and Gd co-Substituted Bismuth Ferrite Ceramics	15 : 00	Nano- (Polyacrylamide-Mineral) Composites; Synthesis, Characterization and Adsorptive Features
15 : 45	Fahrettin YAKUPHANOĞLU		Şule AYTAŞ		Filiz UĞUR NİĞİZ		Seren Elif KIZIŞAR
	Transparent Radar Absorbing Materials	15 : 15	Preparation of Alginate Capsules Enclosing Diatomite and Organic Extractants for Uptake of Lanthanum	15 : 15	Continuous removal of heavy metals using graphene oxide-polyether block amide membrane	15 : 15	The Optical Features Of The ZnSe Detector IN An IR Image Converter

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16 : 00	Sivar Baiz AZİZ	15 : 30	Sibel ŞEN	15 : 30	Metin SAĞIK	15 : 30	Mehmet ESEN
	The Classification of SMAs and Their Applications		Spin coated film properties of ferulic acid and the detection of those against volatile organic compounds		Design Of Metamaterial Structure For Antenna Gain With Genetic Algorithm		Electromagnetic, ultraviolet shielding and absorption properties of Zn/Al nano material coated Textile fabrics
16 : 15	Ender UZ	15 : 45		15 : 45	İdris ADANUR	15 : 45	Meryem Derya ÖZDEMİR
	Development of Heat Exchanger with Phase Change Material for Increasing Energy Efficiency in Telecommunication Base Stations				Effect of Reducing Agent and Surfactant on Structural and Magnetic Properties of Ni Magnetic Nanoparticles (MNPs)		Electron Transport Properties of Silicene: Intrinsic and Dirty Cases with Screening Effects
	Hüseyin VAPUR		Sebile Sibel YAVUZ		Filiz UĞUR NİGİZ		Volkan KORKUT
16 : 30	Zeolite synthesis from fly ashes by hydrothermal alkali pressure leaching process	16 : 00	Interface Interactions of Polypyrrole (PPy) with Gold monolayer hollow sheets	16 : 00	Polydimethyl siloxane-natural rubber membrane preparation and application for hexane removal	16 : 00	Inertial Force Driven Microrobot Based On Piezoelectric Actuator
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	CHAIR: Dr. Ali Osman AYAŞ		CHAIR: Prof.Dr. Sema OCAK		CHAIR: Assoc.Prof.Dr. Atilla ÇOŞKUN		CHAIR: Prof.Dr. Hülya Metin GUBUR
17 : 00	INVITED SPEAKERYashar Azizian KALANDARAGH	16 : 30	Hilmi ÜNLÜ	16 : 30	Büşra ZERDALI	16 : 30	
	Optical and structural characteristics of ZnS-polymer nanocomposite materials prepared by SILAR method		Modeling of Interface Strain and Composition Effects in GaAs/Si Based Planar Heterostructures		A compare study on the electrical characteristics of Al/p-Si (MS) and Al/TiO ₂ /p-Si (MIS) structures both in dark and under illumination		

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17 : 30			Selcan SENGÜL		Şekip DALGAÇ		Ozan ÖZTÜRK
		16 : 45	Sorption Study Of Rare Earths From Nitrate Medium Using Cyanex 272 Impregnated XAD-7 Resin	16 : 45	Chiral Metamaterial Sensor Applications	16 : 45	Dependence on Well Widths of the Electronic Features of Triple GaAlAs/GaAs and GaInAs/GaAs Quantum Wells
17 : 45	N. KAYMAK		Sabiha AKSAY		Çiğdem Ş. GÜÇLÜ		Birsen KESİK ZEYREK
	Frequency Dependent Effects Before and After Gamma-Ray Irradiation on Al/ C42H28/p-Si Structure	17 : 00	Influence Of In And Al Dopants On The Structural, Optical And Vibrational Properties Of ZnS Thin Films	17 : 00	Analysis of Current-Voltage and Capacitance-Voltage Characteristics of Mo/n-Si Schottky Diodes	17 : 00	Characterization of graphene nanowalls (GNWs) deposited under argon atmosphere
18 : 00	Faruk KARADAĞ		Aylin AYTAÇ		EMEL ENGİNTEPE		Burcu KOÇAK
	Frequency Seletive Surface Characteristic Of Square Patch On Bianisotropic Material	17 : 15	Noval Cathode Catalyst Support For High Temperature Polymer Electrolyte Membrane Fuel Cell	17 : 15	Effect of Synthesis Conditions on Structural and Photoluminescence Properties of CuO nanostructures	17 : 15	Comparative Study of Different Waste Materials for Sensible Thermal Energy Storage
18 : 15	Gizem ÇETİN		Seren Elif KIZIŞAR		Zülfiye İLTER		Mehmet ESEN
	Effect of Cs-substitution on Bi2Sr2Co2Ox Thermoelectric Materials	17 : 30	Argon Influence On The Transport Properties Of The Parallel Plate Plasma Cell	17 : 30	Investigation of Dielectric Properties of 2 - {(E) - [(4-asetilfenil) imino] metil} -4-bromofenil 2-metilakrilat Polymer	17 : 30	Examination of Cluster Formation statistics on Surfaces by Monte Carlo Method

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18 : 30	Kamuran GÖRGÜN	17 : 45	Esra BARIM	17 : 45	E. EFİL	17 : 45	Gamze BARIM
	Carbazole Derivative Molecules, Characterization and Investigation of Dye-Sensitized Solar Cell And Semiconductor Device Characteristics		A Combined Experimental And Theoretical Dft Study Based On Molecular Investigation And Characterization, Homo-Lumo Analysis, Molecular Electronic Potential Maps Of N-(2-Acetylbenzofuran-3-YL)Acrylamide		A Study of Gamma-Ray Irradiation Effects on Electrical Characteristic of The Metal-Polymer-Semiconductor Structure		Synthesis and Optical Properties of Dye Doped Polymeric Nanofilms by Dip Coating Method
18 : 45	N. KAYMAK	18 : 00	Hassan HARUNA	18 : 00	Nihan ÜNLÜ	18 : 00	Ayşegül DERE
	Investigation of Gamma-Ray Irradiation Effects on Dielectric Properties of Rubrene Deposited on p-type silicon		Electrical and thermal properties of aminated PVC/oxidized MWCNTs doped with nanographite		A Mathematical Model for NiTi Alloy Thermal Process		Polymer based organic photocapacitors
20 : 00	GALA DINNER						

06 OCTOBER ORAL SESSIONS

	06 October 2018-ÜRGÜP HALL	06 October 2018-SINASOS HALL		06 October 2018-PROKOPİ HALL	06 October 2018-NİSSA HALL	
08 : 00	REGISTRATION and TEA, COFFEE	REGISTRATION and TEA, COFFEE		REGISTRATION and TEA, COFFEE	REGISTRATION and TEA, COFFEE	
09 : 00	CHAIR: Prof.Dr. Müjdat ÇAĞLAR		CHAIR: Prof.Dr. Muhammad Hassan SAYYAD	CHAIR: Dr. Yassine Abdelhamid SLİMANİ	CHAIR: Prof.Dr. Sevgi ÖZDEMİR KART	
	Mürşide HACİSMAİLOĞLU		INVITED SPEAKER Y.Azizian-KALANDARAGH		INVITED SPEAKER Assoc.Prof.Dr. Deniz SUNAR ÇERÇİ	
	The role of polypyrrole layer on titanium substrate for electrodeposition of cobalt	09 : 00	The effect of pH on photocatalytic activity of MgO nanostructure materials for remove methylene blue from water	09 : 00	Voyage to the Heart of Matter	
09 : 15	Hilmi ÜNLÜ		Seda BEYAZ	Vasilios KARANİKOLAS	Melek GÜÇOĞLU	
	A Thermoelastic Model for Interface Strain Effects in Microscale and Nanoscale Heterostructures	09 : 30	Synthesis of PMMA-HoVO4 nanocomposites by emulsifier-free emulsion polymerization: Radical effects	Pulsed Quantum Annealing for Enhanced Success Probability	Preconcentration and Speciation of As(III) and As(V) Using Ternary Solvent System and Determination with ET-AAS	
09 : 30			Aylin AYTAÇ	Mustafa İSTANBULLU	Sevda İLDAN ÖZMEN	
		09 : 45	Electrooxidation of Methanol and Sodium Borohydride on Activated Carbon supported nano-Ag Electrode for Alkaline Fuel cells	09 : 30	Microfabrication Process Design of Low Voltage Depletion Type N-MOSFET for Biopotential Sensing	09 : 45

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09 : 45	Tayyar GÜNGÖR				Erdoğan KARİP		Hülya METİN GUBUR
	Investigation on Optical Characterization of Each Successive Layers in the Multilayer Metal Oxides Coated by Different Sol-Gel Techniques	10 : 00		09 : 45	Investigation of Natural Hydroxyapatite Reinforced by Expanded Perlite & Hybrid Biocomposites	10 : 00	Characterization of the CdSe/p-Si Nanowires prepared by Chemical Bath Deposition
10 : 00	Gül Asiye AYCIK		Ayça TAŞ		Mehmet EKİNCİ		Mustafa AKYOL
	Comparison of mass attenuation coefficients of tungsten boride reinforced (with different loadings) isophthalic/neopentile polyester composites by experimental and by XCOM	10 : 15	Boric Acid- Glycerine System Effect Of In Vitro In Mda-Mb-231 Cell Lines	10 : 00	Developing New Phase Change Material Polypyrrole Composites	10 : 15	Synthezing and Characterization of MnO Nanoparticles
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	CHAIR: Prof.Dr. Birgül YAZICI		CHAIR: Prof.Dr. Tayyar GÜNGÖR		CHAIR: Prof.Dr. Gülfeza KARDAŞ		CHAIR: Prof.Dr. Şemsettin ALTINDAL
10 : 30	Ebru ERÜNAL				Eyyüphan YAKINCI		Berna BÜLBÜL
	Hydrothermal Synthesis of Lead Free Alkali Niobate Ceramics	10 : 45		10 : 30	Flux Pinning Properties of Fe _{1-x} In _x Te ₂ Se ₂ Superconductors	10 : 45	A novel buffer-precipitation method for lead metaborate nanostructures
10 : 45			Müjdat ÇAĞLAR		Ayça TAŞ		Derya KIZILELMA
		11 : 00	The Effect Of Insulator Layer On Performance Of Organic Thin Film Transistors	10 : 45	In Vitro Investigation Of Development And Efficiency Of TiO ₂ Targeted Drug Delivery Systems For Breast Cancer Treatment	11 : 00	Effect of pyridine carboxylic acids on electropolymerizations of pyrrole in acetonitrile
1 1 ..	Ali Osman AYAŞ		Yusuf SAMANCIOĞLU		Abrar AHMAD		Elif ÖZ ORHAN

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	Effect of La Substitution with Dy on Magnetic and Magnetocaloric Properties in (La _{1-x} Dy _x) _{0.85} Ag _{0.15} MnO ₃ (x = 0.1) Compound	11 : 15	Preparation and Characterization of Perovskite Manganite: from Bulk to Thin Films by Pulsed Laser Ablation Technique	11 : 00	Europium doped Titanium Dioxide Nanorods Array Photoanodes For Photoelectrochemical Water Splitting	11 : 15	Electrical Properties of Silicon Photonic Waveguide Based Graphane
12 : 00	LUNCH LUNCH LUNCH LUNCH LUNCH LUNCH						
	CHAIR: Prof.Dr. M.Eyyüphan YAKINCI		CHAIR: Prof.Dr. Ebru ŞENADIM TÜZEMEN		CHAIR: Prof.Dr. Ulvi ULUSOY		CHAIR: Prof.Dr. Yüksel ALTAŞ
13 : 30	Cengiz SOYKAN		İlke TAŞÇIOĞLU		Metin SAĞIK		Zafer ŞERBETÇİ
	Synthesis, Characterization And Thermal Properties Of Poly(Acrylonitrile-Co-Glycidyl Methacrylate	13 : 30	Study of frequency dispersion effect on admittance characteristics of Au/ZnFe ₂ O ₄ - PVA /n-Si structures	13 : 30	Increasing The Gain Of Antenna Types Using Metamaterial Based Structure	13 : 30	Refractive index and optical absorption properties of palladium doped nano structured cadmium oxide
13 : 45	Sivar Baiz AZİZ		Fatih GÜL		Faruk KARADAĞ		H.Cengiz ÇEKİL
	Production and Characterization of Cu-Al-X-Y Quaternary Shape Memory Alloys	13 : 45	Metal-Oxide Based Nano-Electronic Synaptic Devices for Brain-Like Computing	13 : 45	Circular Ring Frequency Seletive Surface Backed By Bianisotropic Material	13 : 45	Mechanical Behaviour of Boron Carbide under Shock Loading
14 : 00			Yasin OĞUZ		Seda BENĞİ		Erkan TETİK
		14 : 00	Non-Linear Drift Modeling with Controllable []-Shaped Window Function for TiO ₂ Memristor	14 : 00	Electrical characteristics of Au/n-Si structure with perylene interfacial layer at room temperature	14 : 00	The Effect on the Human Body of a Wearable Circular Antenna Based on Metamaterial
14 : 15			Mehmet BAKIR				Özge GÜNGÖR
		14 : 15	Chiral Metamaterial Sensor For Concrete Agents	14 : 15		14 : 15	PCM Development Biomimicking Whale Blubber for Thermal Energy Storage

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14 : 30	Osman DAYAN The I-V characteristics of a new Ru (II) complex for different devices	14 : 30	Ayşe Elif BÖYÜKBAYRAM Enzyme Immobilized Cholesterol Biosensor Prepared By Conducting Polymer Composites	14 : 30	Şükrü KARATAŞ Frequency dependent dielectric properties and electrical conductivity of Au/GO/n-tipi Si MOS structures	14 : 30	Zafer ŞERBETÇİ Synthesis and electro-optic properties of nanosized-lithium doped nickel oxide thin films
	TEA, COFFEE BREAK TEA, COFFEE BREAK TEA, COFFEE BREAK TEA, COFFEE BREAK						
	CHAIR: Prof.Dr. Abdulmecit TÜRÜT		CHAIR: Prof.Dr. Cengiz SOYKAN		CHAIR: Assoc.Prof.Dr. Salim ÇERÇİ		CHAIR: Assoc.Prof.Dr. Berrin ÖZDEMİR
15 : 00	M. Mahir BÜLBÜL The effect of illumination on the electrical characterization of Al/HfO ₂ /p-Si MOS device	15 : 00	Ebru GÜNGÖR Al Doping Effect on the Structural and Optical Properties of Co:ZnO onto ITO Bilayered Thin Films	15 : 00	Mustafa İLHAN Fabrication and characterization of Cu ₂ NiSnS ₄ infrared photodetector	15 : 00	Fermin AK Crystal Structure and Magnetic Characterization of Ni _{2-x} CoxMnSb (1≤x≤2) Heusler Alloys
	15 : 15		Metin CANDEMİR FeO _y Magnetic Nanoparticles (MNP) for Biomedical Applications		15 : 15		Hakan KAMALAK The Characterization and Application of Poly Methacrylic Acid and Hydroxyapatite Composites in Dentistry
15 : 30		Ali Kaya GÜR Evaluation With Taguchi Of The Effect Of B4C In Surface Alloying Of Ferritic Stainless Steel With Pta Method	15 : 30	Canan AKSU CANBAY The Investigation of SME in Cu-Al Based SMA		15 : 30	Seval AKSOY MnO:Zn nanostructure: Sol Gel Spin Coating Technique and Characterization

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15 : 45	Tülay YILDIZ	15 : 45	Şükrü KARATAŞ	15 : 45	Burhan COŞKUN	15 : 45	Mehmet Burak KOCA
	Investigation of optical properties of Co-doped ZnO nanomaterials prepared by sol gel method		Effects of illumination on electrical parameters of Au/GO/n-tipi Si metal-oxide semiconductor structure		Electrical and Structural Characteristics of Al Doped CdS thin films		Investigation of Magnetic Properties of Zamak-2 Alloy Prepared by Powder Metallurgy
16 : 00	Nida KATI	16 : 00	Hakan KAMALAK	16 : 00	Osman DAYAN	16 : 00	Mehmet Selim ASLAN
	Effect of Tool Plunge Depth on the Joining of AZ31 Magnesium Alloy with Friction Stir Spot Welding		The Production of New Nanocomposite Materials for Dental Restorative Materials		The novel Ru (II) complexes for Dye-sensitized Solar Cells		Photovoltaic Properties of ZnO/Cu ₂ O Solar Cell Prepared By Spin Coating Method
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	CHAIR: Dr. Ahmet Türker TÜZEMEN		CHAIR: Prof.Dr. Şükrü KARATAŞ		CHAIR: Assoc.Prof.Dr. Canan AKSU CANBAY		
16 : 30	Nihal KUŞ	16 : 30	Fahrettin YAKUPHANOĞLU	16 : 30	Mustafa İLHAN	16 : 30	
	DFT Computational Study of 4-Bromobenzyl Alcohol and its Conformers		Design of Organic Electromagnetic Absorbing Structure for Stealth Aircraft		Fabrication and characterization of Cu ₂ NiSn ₄ infrared photodetector		
16 : 45	Ahmet EKİCİBİL	16 : 45	Ayşegül DERE	16 : 45	Aslışah AÇIKSES		
	Structural, Magnetic and Magnetocaloric Properties of (La _{0.8} Pr _{0.2}) _{0.85} K _{0.15} MnO ₃ Manganite Compound		Electromagnetic Interference properties of Bi doped HAP materials		Transparent polymer thin films by dynamic spin coating method		
17 : 00		17 : 00		17 : 00	Burhan COŞKUN		
					Preparation and Electrical Characterization of CdO films for Electronic Device Applications		