

Scientific Program - Oral Sessions

*Thursday 22 September 2022*

Thursday 22 September 2022

HALL 1

Congress Opening Ceremony  
*Opening ceremony chair: Assoc. Prof. Yasemin Şafak Asar*

09:30  
10:30

Congress Opening Speech **Prof. Musa Yıldız**  
*Rector of Gazi University*

Congress Opening Speech  
**Prof. Şemsettin Altındal**      **Prof. Fahrettin Yakuphanoğlu**

10:30  
11:10

**Prof. Raşit Turan**  
Silicon based crystalline photovoltaic solar cell technologies: Status and achievements at ODTU-GUNAM

11:10  
11:40

**Prof. Mehmet Eyyuphan Yakıncı**  
Irreversibility field and upper critical of MWCNT added single crystal FeSe<sub>0.5</sub>Te<sub>0.5</sub> Superconductors

11:40  
12:20

**Prof. Fahrettin Yakuphanoğlu**  
Tunable Radar Absorbing Materials for Phantom Aircrafts

12:20  
13:00

**Türk Havacılık Uzay Sanayii A.Ş. (TUSAŞ)**  
**Assoc. Prof. Serkan Kurt**  
The importance of domestic materials and components in the development of indigenous aircraft

13:00  
14:00

**LUNCH**

*Chair: Assoc. Prof. Tarık Asar*

14:00  
14:30

**Prof. Sezai Elagöz**  
Nanotechnology: Pushing the limits of the universe

14:30  
15:00

**Prof. Elias Stathatos**  
All printed perovskite solar modules made under ambient conditions for next generation energy production devices

15:00  
15:15

**BREAK**

Thursday 22 September 2022

HALL 1		HALL 2		HALL 3		HALL 4	
<i>Chair: Prof. Mehmet Eyyuphan Yakıncı</i>		<i>Chair: Dr. Monika Voigt</i>		<i>Chair: Prof. Müjdat Çağlar</i>		<i>Chair: Prof. Husam El-Nasser</i>	
15:15 15:30	<b>Keynote Speaker</b> <b>Prof. Izzat M. Afandiyeva</b> Influence of ac-signal amplitude on the dielectric properties of Al-TiW-PtSi/n-Si	Iron phosphide as electrocatalyst studies for renewable production of value added products	<b>Invited Speaker</b> <b>Assoc. Prof. Saim Emin</b>	<b>Ebru Doğan</b> Structural properties of Vanadium substituted P2-type Na <sub>0.67</sub> Mn <sub>0.5</sub> Fe <sub>0.43</sub> Ti <sub>0.07</sub> O <sub>2</sub> Cathodes for Na-ion cells	<b>Nafeesah Yaqub</b> Investigations of methyl methacrylate nanocomposite for optoelectronic		
15:30 15:45	<b>Keynote Speaker</b> <b>Prof. Walid Tawfik</b> (Title pending)		<b>Sebahat Altundağ</b> Electrode Thickness and Wetting Optimization for LiFePO <sub>4</sub> /Graphite Full Cells	<b>Tuncay Tunç</b> 1-(2-fluoro-3-(trifluoromethyl)benzylidene)-2-(pyridin-2-yl)hydrazine and 1-(2-fluoro-4-(trifluoromethyl)benzylidene)-2-(pyridin-2-			
15:45 16:05	<b>Prof. Gonca M. Eyyazova</b> Features of electrical conductivity of zeolite with a high content of silver ions	<b>Keynote Speaker</b> <b>Prof. Shadia Ikhmayies</b> Comparison between n-Type Doped Tin Oxide and Zinc Oxide as Transparent Conducting	<b>Keynote Speaker</b> <b>Assoc. Prof. Yashar Azizian-Kalandaragh</b> Quantum Photonics and patterns of light	<b>Sefer Bora Lişesivdin</b> Multi-code, low-barrier Python toolkit for MD/DFT Studies			
16:05 16:25	<b>Keynote Speaker</b> <b>Prof. Serap Şentürk Dalgıç</b> Interactions between the drug molecules and carbon-based nanostructures	<b>Invited Speaker</b> <b>Prof. Asif Ali Qaiser</b> Polyaniline Membranes for Electrochemical Application: Some New Dimensions	<b>Invited Speaker</b> <b>Assoc. Prof. Serhat Orkun Tan</b> Identification of the Negative Capacitance Effect in the Interlayered Metal-Semiconductor Structures and	<b>Salsabil Marouch</b> One-step synthesis of a multifunctional MoS <sub>2</sub> @g-C <sub>3</sub> N <sub>4</sub> nanomaterial for adsorption-based and photocatalysis			
16:25 16:45	<b>Invited Speaker</b> <b>Prof. Mustafa Muammer Demir</b> (Title pending) degradation-based removal of rhodamine B and sildenafil citrate	<b>Keynote Speaker</b> <b>Assistant Prof. Saira Bibi</b> Chitosan Based Hybrid Materials for Advanced agricultural applications	<b>Esra Barım</b> Synthesis, characterization, optical, and thermal properties of P(NVC-co-BZMA) copolymer and its ZnO composites	<b>T.Fikret Koca</b> Environmental Effects on the Photovoltaic Properties of Silicon Solar Cells			
16:45 17:00	<b>BREAK</b>						
	<i>Chair: Prof. Sefer Bora Lisesivdin</i>	<i>Chair: Dr. Mohammad Hussein AL-Dharob</i>	<i>Chair: Prof. Gökay Uğur</i>	<i>Chair: Prof. Serhat Orkun Tan</i>			
17:00 17:15	<b>Khazangul A. Ibrahimova</b> The sonochemical synthesis and characterization of Ni-Cr-LDH nanocomposite film based on PVA	<b>Adnan Mujahid</b> Nickel Oxide and Graphene Oxide Incorporated Molecular Imprinted Coatings for Electrochemical Recognition of Acetylcholine	<b>Burcu Kalyoncuoglu</b> Investigation of Ti Effect on P2-type NaMnFeO <sub>2</sub> Cathode Materials for Sodium-ion Batteries	<b>Jaafar Alsmael</b> Comparison of the Low and High Frequencies Effect on the C&G/ω-V Characterization of the Metal-Polymer-Semiconductor Structures			
17:15 17:30	<b>Ofeliya O. Balayeva</b> SILAR synthesis of CuCdS <sub>2</sub> nanostructures for photocatalytic applications	<b>Anastasiia Olkhovska</b> Green synthesis of long-term stable silver nanoparticles via Artemisia absinthium "hair" roots extract	<b>Yakup Arslan</b> Artificial Intelligence Classification of Crops and Weeds Using Impedance and Infrared Spectroscopy	<b>Havva Elif Lapa</b> The Investigation of CuBO <sub>2</sub> Thin Films Produced by The Spray Pyrolysis Method			
17:30 17:45	<b>Odai N. Salman</b> Preparation of Ag@SiO <sub>2</sub> core shell nanoparticles for plasmonic dye sensitized solar cell application using laser ablation liquid technique	<b>Ihab Salah Mahdi</b> Comparison of Dielectric Properties of 1wt.% SmC* LC Doped Nematic LC	<b>Emel Yıldırım</b> Growth And Characterization Of Cds Nanoflowers By Chemical Bath Deposition And Effect Of Annealing	<b>Zehra Özdemir</b> Rytov Curves with Respect to Nul Cone Fronts			
17:45 18:00	<b>Arzu Coşkun</b> Determination of the radiation shielding performance of MoO <sub>2</sub> addition on PbO <sub>2</sub> by Monte Carlo Simulation	<b>Leman Mesiyeva</b> Pressure effects on mechanical and electronic properties of semiconductor HfPtSn compound	<b>Polat Narin</b> Growth and Structural Properties of ZnO Materials by Mist CVD Enhanced by Corona Discharge Plasma	<b>Hazal Ceyhan</b> Revolution of the Electric field with Darboux frame			
18:00 18:15	<b>Buket Akın</b> All-dielectric multi-functional optically transparent and flexible microwave metasurface	<b>Rasoul Ahadi-Hadibeiglou</b> Converted Molybdenum Oxide intermediate phases to pure [α-MoO <sub>3</sub> ] (3) phase by RF Magnetron Sputtering	<b>Ece Kutlu Narin</b> MgZnO Thin Films by Mist-CVD Grown: Structural and Optical Properties	<b>Nihan Ünlü</b> Molecular Docking Study on Interaction of Polyvinyl Alcohol (PVA) with Group IA Bacteriocin			
18:15 18:30	<b>Birsen Kesik Zeyrek</b> Development Of Carbon Nanowall Thin Films Produced Using Pulsed Filtered Cathodic Vacuum Arc With Electron	<b>Oğuzhan Örnek</b> Effect of Temperature on the Stress Softening and Damping Behaviour of Phenyl-Vinyl-Methyl-Polsiloxane (PVMQ) Elastomers	<b>Emel Yıldırım</b> Characterization Of Polycrystalline P-Si/Cds Thin Films Prepared By Chemical Bath Deposition	<b>Arzu Özgen</b> Molecular Docking Demonstration of the Interaction of AFB1 Aflatoxin and Lactococcin A			
19:00 20:00	<b>DINNER</b>						

9<sup>th</sup> International Conference on Materials Science and Nanotechnology for Next Generation  
22-24 September 2022

Scientific Program - Oral Sessions

Friday 23 September 2022

Friday 23 September 2022	HALL 1		HALL 2		HALL 3		HALL 4	
	Chair: Prof. Yasemin Çiftçi		Chair: Prof. Turgut Baştuğ		Chair: Assoc. Prof. Selçuk Demirezen		Chair: Prof. Recep Şahingöz	
	09:00 09:15	<b>Azade Yelten</b> Microwave-assisted synthesis of ion-doped $\beta$ -tri-calcium phosphate powders	<b>Adem Koçyigit</b> The electrical properties of the Al/CuO:Ni/p-Si photodiodes	<b>Hicret Hopoğlu</b> Effects of substrate temperature on the structural and optical properties of RF magnetron sputtered NiOx thin films	<b>Muharrem Gökçen</b> Electrical and ultraviolet photo-responsivity properties of Au/polyvinyl alcohol benzimidazole Copper complex/n-Si photodiode			
	09:15 09:30	<b>Sevda İldan Özmen</b> FTO/CdS/CdSe heterojunctions synthesis and investigation of thicknesses effect	<b>Sibel Gürakar</b> Structural & Surface Properties of Low Cu Doped ZnO Thin Films	<b>Ömer Sevgili</b> The effect on electrical parameters and the use of (NaYF <sub>4</sub> : Yb, Er) as an interface layer in Schottky diode application	<b>Mustafa Biçer</b> Effect of Nickel Addition on Characteristic Properties of ZnO Thin Filmsdes			
	09:30 09:45	<b>Şükrü Karataş</b> Illumination-dependent electrical characteristics of Au/(GO:P3C4MT)/SiO <sub>2</sub> /n-type Si structures	<b>Durmuş Ali Aldemir</b> The efficiency comparison of fully sprayed MASnI <sub>3</sub> and MASnBr <sub>2</sub> perovskite solar cells	<b>Ali Gültekin</b> Investigation Of The Structural, Electronic, Optical, Mechanical, Dynamic And Thermodynamic Properties Of Al1-X-Yinxgayn Alloys At Constant Temperature And Different Pressure Values By Ab-Intio Methods	<b>Serkan Sahin</b> Improving the negative refractive index metamaterials research via optical coherence theory			
	09:45 10:00	<b>Murat Gürel</b> Organic Field Effect Transistor with Polylinoleic acid-graft-Polystyrene-graft-Polycaprolactone (PLina-g-PSt-g-PCL) Gate Dielectric	<b>Keynote Speaker Prof. Nouredine Sengouga</b> Simulation of Ga2O3 Schottky barrier diodes	<b>Evren Görkem Özdemir</b> The Half-metallic and Magnetic Properties of CrAl <sub>2</sub> F <sub>4</sub> Spinel: A Density Functional Theory Study	<b>Dilan Ata</b> On the illumination response of the impedance characteristics in Al/Gr-PVA/p-Si (MPS) structure			
	10:00 10:20	<b>Keynote Speaker Prof. Ramin Yousefi</b> Photocatalytic applications of organic/inorganic nanocomposites	<b>Keynote Speaker Prof. Yousef Sobouti</b> Three arguable concepts	<b>Seda Bengi</b> Analysis of the electrical characteristics of Al/ GaN/ p-GaAs Structure at high temperatures	<b>Abdulgani El Maksur</b> Colloidal stability of Fe <sub>3</sub> O <sub>4</sub> Nanoparticles Synthesized by Hydrothermal Method			
	10:20 10:40	<b>Invited Speaker Prof. Theresa Egbuchanam</b> (Title pending)	<b>Invited Speaker Assoc. Prof. Enes Yiğit</b> A Study On Estimation of Material Properties to be Synthesized For Multi-Layer Radar Absorber Material Design	<b>Esra Yükseltürk</b> The effect of series resistance on current-voltage (I-V) characteristics of Ag/Perylene/n-Si Schottky Barrier Diode in various methods	<b>Keynote Speaker Dr. Monika Voigt</b> Tungsten based functional nanoparticles from recycling for thermosets, thermoplastics and GFRP - industrial applications within reach			
	10:40 11:00	<b>Invited Speaker Assist. Prof. İmran Akça Avcı</b> (Title pending)	<b>Invited Speaker Assist. Prof. Cengiz Şen</b> Weak ferromagnetism in a double-exchange model for cerium-oxides	<b>Invited Speaker Assoc. Prof. Bekir Satılmış</b> Polymers of intrinsic microporosity membranes and their applications	<b>Invited Speaker Assoc. Prof. Hatice Kanbur Çavuş</b> Production and Characterization of Flexible Dye Sensitized Solar Cells			
	11:00 11:30	<b>BREAK</b>						

Friday 23 September 2022

HALL 1		HALL 2		HALL 3		HALL 4	
<i>Chair: Dr. Seda Bengi</i>		<i>Chair: Assoc. Prof. Ayşegül Dere</i>		<i>Chair: Prof. Muharrem Gökçen</i>		<i>Chair: Assoc. Prof. Haziret Durmuş</i>	
11:30 11:50	<b>Invited Speaker</b> <b>Dr. Özgür Polat</b> Altering electric, magnetic and optical features of LuFeO <sub>3</sub> via substitution of Ir into Fe sites	<b>Invited Speaker</b> <b>Dr. Mohammad Hussein AL-Dharob</b> Roles of nanotechnology in solar applications	<b>Invited Speaker</b> <b>Assoc. Prof. Selçuk Demirezen</b> Wide Frequency Range of Electrical Characteristics in Al/(Coumarin-PVA)/p-Si Structures at Room Temperature	<b>Invited Speaker</b> <b>Assoc. Prof. Yeşim Moğulkoç</b> Theoretical modeling of 2D ferromagnetic material			
11:50 12:05	<b>Tajamal Hussain</b> Physiochemical Modification of Graphene Nanosheets to tailor Electrical Properties of Graphene based PMMA Composites	<b>Deniz Kadir Takcı</b> Synthesis and characterization of Fe <sub>3</sub> O <sub>4</sub> /rGO nanocomposites	<b>Ahmet Kaymaz</b> The Investigation of Temperature-Dependent Current-Transport Mechanisms of the Au/n-GaAs Type M/S Contact	<b>Soner Çakar</b> A Novel Dye Sensitized Solar Cell Application of TiO <sub>2</sub> /ZnO Nanocomposite			
12:05 12:20	<b>Davut Aksüt</b> Effect of Temperature on The Stress Softening and Damping Behavior of Phenyl-Vinyl-Methyl-Polysiloxane (PVMQ) Elastomers	<b>Ali Emre Genç</b> Tuning SO <sub>2</sub> capture capability of oxygen substituted MnN <sub>4</sub> Graphene layer	<b>Özlem Bayal</b> Investigation and Application of Dislocation and Twist Angle Properties in Gan/Aln/Algan High Electron Mobility Transistor	<b>Esra Evcin Baydilli</b> The Determination of Voltage and Temperature Dependence of Series Resistance of Au/n-GaAs Type M/S Contact			
12:20 12:35	<b>Halil İ. Akyıldız</b> Utilization of Textile Substrate Materials Towards Photocatalytic Applications via Atomic Layer Deposition	<b>Hande Karadeniz</b> Effects of Protons on Photovoltaic Power Systems	<b>Burak Kıvrak</b> Excellent Electromagnetic Wave Absorption Performance of PANI-coated YIG/CFO Hybrid Composites	<b>Can Akkuş</b> Thermodynamic Properties of PtZrSn: Ab-initio Study			
12:35 12:50	<b>Umut Aydemir</b> Photosensitivity Enhancement of PVP Thin Films via Exfoliated 2D GaSe Nanoflakes	<b>Davut Aksüt</b> Effect of Type I and Type II Co-Agents on the Cure Kinetics of Silicone Elastomers	<b>Esra Balcı</b> Effect of Metal Contact Selection On The Electrical Characterization of ZnSe Thin Film	<b>Çiğdem Ş. Güçlü</b> A comparison of electrical characteristics of Al/p-Si (MS) and Al/(PVP-TeO <sub>2</sub> :Cu)/p-Si (MPS) structures using current-voltage measurements			
13:00 14:00	<b>LUNCH</b>						
<i>Chair: Prof. Canan Aksu Canbay</i>		<i>Chair: Prof. Tuncay Tunç</i>		<i>Chair: Prof. Ahmet Faruk Özdemir</i>		<i>Chair: Prof. Adem Tataroğlu</i>	
14:00 14:20	<b>Keynote Speaker</b> <b>Prof. Mustafa Muradov</b> Effects of Thermal Annealing and Gamma Irradiation on the Physical Properties of nanocomposites Based on GO/PVA	<b>Keynote Speaker</b> <b>Prof. Nicola Morley</b> High Entropy Alloys: The next big thing in magnetic alloys	<b>Keynote Speaker</b> <b>Prof. Husam El-Nasser</b> Spectroscopic ellipsometry analysis of polymethylmethacrylate/perylene dye thin films	<b>Invited Speaker</b> <b>Prof. Abdullah Yıldız</b> Outlook of fundamental components utilized in cost-effective dye sensitized solar cells (DSSCs)			
14:20 14:40	<b>Keynote Speaker</b> <b>Prof. Süleyman Özçelik</b> Development and Application of Functional Surface Coatings	<b>Invited Speaker</b> <b>Prof. Serap Güneş</b> The past and the future of emerging PV technologies	<b>Invited Speaker</b> <b>Prof. İlke Taşçıoğlu</b> Controlling the electrical characteristics of Au/p-Si diodes by the ZnO: Ag <sub>2</sub> WO <sub>4</sub> - PVP interfacial layer	<b>Invited Speaker</b> <b>Prof. Turgut Baştuğ</b> A New Method in Molecular Dynamics Simulations: Nonequilibrium Free energy calculations			
14:40 15:00	<b>Keynote Speaker</b> <b>Prof. Hamid Reza Mashayekhi</b> (Title pending)	<b>Çiğdem Bilkan</b> Investigation of the efficiencies of the Bi <sub>2</sub> O <sub>3</sub> -CuO-PVP interlayer in Au/n-Si (MS) SDs on electrical characteristics at room temperature by	<b>Invited Speaker</b> <b>Prof. Recep Şahingöz</b> Perfect Raw Materials Metallic Glasses and Some Applications	<b>Haziret Durmuş</b> Calculating the Characteristics Parameters of a Schottky Diode from Forward Bias I-V Data: An Alternative Approach			
15:00 15:15	<b>Keynote Speaker</b> <b>Prof. Marco Antonio Schiavon</b> (Title pending)	<b>Elif Alagöz</b> DC Characterization of GaN-Based HEMT for Fabrication Steps	<b>Şükrü Karataş</b> Illumination-dependent photovoltaic properties of the Al/(GO:PTCDA)/p-Si structures	<b>Fulden Kaygınoğlu</b> Preparation and Characterization of Functional Graphene Based Dispersions for Wearable Electronic			
15:15 15:30	<b>Simge Keskinliç</b> Ab-initio study of effects of Na doping on hydrogen storage performance, electronic and elastic properties of LiMg c	<b>Seran Saltık Can</b> Production and Characterization of Coenzyme Q10 Loaded Nanofiber Surface	<b>Halil Özerli</b> Dielectric properties of the Ag/GO-NiO/p-Si/Al structures in the frequency range of 10 kHz-300 kHz	<b>M. Derya Alyörük</b> Electronic transport properties of WS <sub>2</sub> with Ensemble Monte Carlo Method			
15:30 16:00	<b>BREAK</b>						

Friday 23 September 2022	HALL 1		HALL 2		HALL 3		HALL 4	
	Chair: Prof. Şükrü Karataş		Chair: Dr. Esra Yükseltürk		Chair: Chair: Assoc. Prof. Çiğdem Bilkan		Chair: Prof. İlke Taşçıoğlu	
	16:00 16:15	<b>Özlem Erol</b> Peptide Amphiphile/Carbon Nanotube Conductive Nanocomposite Hydrogels	<b>Ayşegül Dere</b> Copper Phthalocyanine- Perylene-3,4,9,10- tetracarboxylic dianhydride Supercapacitors	<b>Hasan İlhan</b> The Detection of Pathogens in a Microfluidic Chip System Using Surface-Enhanced Raman Scattering (SERS)	<b>Mehmet Çetin</b> Nanocomposite Thin Film Triboelectric Nanogenerator for Self-Powered Contact- Sensor Application			
	16:15 16:30	<b>Ali Can Zaman</b> Schiff base derived carbonaceous material separator coating for Li-S batteries	<b>Gülderen Karakuş</b> Design, Synthesis and Structural Characterization of Hydroxyurea Surface-Functionalized Five- Membered Heterocyclic Carbon Quantum Nanodots	<b>Zehra Özdemir</b> Electromagnetic Curves related to null Cone Fronts	<b>Arzu Özgen</b> Study of Interactions of AFB2 Aflatoxin and Class IB Bacteriocins by Molecular Docking			
	16:30 16:45	<b>Gamze Nur Bülbül</b> Structural and Spectroscopic Properties of New Schiff Base (Z)-N'-((5- nitrothiophen-2-yl) methylene) benzohydrazide	<b>Güneş Başbağ</b> A Minor Batch of Zn and Mg Incorporated Quaternary CuAlZnMg High Temperature Shape Memory Alloy (HTSM)	<b>Hazal Ceyhan</b> Electromagnetic curves via Darboux frame in Minkowski 3-space	<b>Berna Yavuz Pehlivanlı</b> Correlation of Rare Earth Element (REEs) content in Turkey and World, and contribution of Rare Earth Elements to nano technology			
	16:45 17:00	<b>Hüseyin Tavukçu</b> Effect of doping of the rare earth elements on de-hydrogenation efficiency for ZrH <sub>2</sub> compound: First principles	<b>Yağmur Güler</b> Effect of Passivation on AlGaIn/GaN HEMT for 5G Applications	<b>Hatice Bilge İşgen</b> The Production of Hollow Nanofibers from PBS / TPU Blends for Biomedical Applications	<b>Metin Özdemir</b> Investigation of Thermal Stability of Boron Carbide Under Shock Compression via Molecular Dynamics Simulations			
	17:00 17:15	<b>Invited Speaker</b> <b>Dr. Naqeeb ullah Khan</b> Characterization of anti-nematodal potential of synthetic compounds using C.elegans as modal organism	<b>Kıymet Bozkurt</b> Carbon-coated Magnetite Nanoparticle Reinforced Magnesium Nanocomposites	<b>Nihan Ünlü</b> Investigation of Polyvinyl Alcohol (PVA)-Sakacin P Interaction by Molecular Docking	<b>Caner İldes</b> Incorporation of K and Cs into CdS Thin Films during Chemical Bath Deposition as an Alternative Strategy to Post Deposition Treatment of Absorbers			
	17:15 17:30	<b>Mustafa Biçer</b> Influence of PEG and PVA polymers on the morphological and photovoltaic performance of ZnO photoanodes	<b>Orkhan Gulahmadov</b> Improving the performance of the Triboelectric Nanogenerator Using Titanium Oxide/Nylon Nanocomposite Materials	<b>İrem Almina Gemici</b> First-Principles Study on Optoelectronic Properties of PtTiSn under Pressure	<b>Burhan Coşkun</b> Optical Properties of ZnAlO Thin Films Produced by One Step Electrochemical Deposition Method			
	17:30 17:45	<b>Azime Subaşı</b> Effect of Using Graphene Nanotube on Electrical Properties on Photoinitiators Containing Polymer Matrix Nanocomposites	<b>Invited Speaker</b> <b>Assoc. Prof. İkrâm Orak</b> Bio-photovoltaic devices	<b>Kübra Yakıncı</b> Fabrication of Fe-based square core racetrack coil prototype and it's characterization	<b>Merve Demir</b> PHEMA Based Cryogels as 3D Scaffolds for Placental Barrier Studies			
17:45 18:05	<b>Keynote Speaker</b> <b>Prof. Wazirzada Aslam Farooq</b> Hydrogen production and role of hydrogen in renewable energy	<b>Keynote Speaker</b> <b>Prof. Ali Abdolazhadeh Ziabari</b> Molecular Modeling of Toxicology of DNA Adducts	<b>Sevda İldan Özmen</b> A comparative study that CdS thin films obtained with CBD on different substrates	<b>H. Gökçen Çetinkaya</b> A comparison electric-features of Al/(PVC)/n-Si (MS) and Al/(BN-PVC)/n-Si (MPS) structures using current-voltage (I-V) measurements				

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**Saturday 24 September 2022**

**Social events (Beypazarı trip)**  
**(Details of the trip will be shared later)**