

Program

23 August 2017, Wednesday, Morning

Time	Title
09:30	Registration
10:00	Opening Remark
10:30	<i>The Synthesis and Characterization of New Boron and its Derivatives and Their Anticancer, Antimicrobial and Antioxidant Activities</i> Hamdi TEMEL, <i>Dicle University</i>
11:00	<i>Thermal and Dielectric Properties of Polypyrrole-Clay Composites</i> Kadir ESMER, <i>Marmara University</i>
11:30	<i>Integrated Use of Municipal Solid Waste and Industrial Waste as Renewable Energy Source</i> Emine CAN, <i>İstanbul Medeniyet University</i>
12:00	Lunch

23 August 2017, Wednesday, Afternoon

Time	Title
14:00	<i>Comparison of n-CB Liquid Crystals by Light Scattering</i> Süleyman YILMAZ, Aksaray University
14:20	<i>Atomic Structure of Graphene Supported Hollow Ag Cubic Nanoparticles Under CO Gas Adsorption by Molecular Dynamics Simulations</i> Serap ŞENTÜRK DALGIÇ, Trakya University
14:40	<i>The Investigation of Structural and Dynamical Properties of Au-Pd Nanoalloys Supported on MgO(001) Surface</i> Haydar ARSLAN, Bulent Ecevit University
15:00	<i>Synthesis and Antioxidant Activities of New 1-Acetyl-3-Alkyl(Aryl)-4-[3-Ethoxy-2-(p-Methoxybenzoxy)-Benzylidenamino]-4,5-Dihydro-1H-1,2,4-Triazol-5-One</i> Faruk KARDAŞ, Erzincan University
15:20	Cafe/Tea Brake
15:40	<i>A Many - Body Model Suggestion for Deuterons and Electrons in an Inertial Electrostatic Confinement Fusion Device</i> Erol KURT, Gazi University
16:00	<i>The Deformation Effect on the Cross Section Calculations</i> Mahmut BÖYÜKATA, Kırıkkale University
16:20	<i>Investigation of Temperature Dependent Current Transport Mechanism of Au/ Al₂O₃/ n-Si Schottky Diode</i> Hatice KANBUR ÇAVUŞ, Bozok University
16:40	<i>Synthesis of Biocompatible and Eco-Friendly Graphene</i> Dilara İÇKECAN, Kırıkkale University

**BSW2017 Sixth Bozok Science Workshop: Studies from Nuclei to Nanomaterials with Applications
Yozgat, August 23-25, 2017**

24 August 2017, Thursday, Morning

ime	Title
09:00	<i>The Comparison of Some Predictions of Davidson Like Potentials with Interacting Boson Model Results and X(5) Behaviors on ¹⁴⁴⁻¹⁵⁴Nd Isotopes</i> Nureddin TURKAN, İstanbul Medeniyet University
09:20	<i>Study on the Electromagnetic Transition Probabilities for ⁷⁸⁻⁸⁶Sr Nuclei</i> Cem BİLİR, Kırıkkale University
09:40	<i>The Investigation of B(E2) Values in ⁸²⁻⁸⁸Zr Isotopes within IBM-1</i> Merve AYDOĞAN, Kırıkkale University
10:00	<i>Investigation of Ni-B Catalysts Obtained in Different Solutions in Hydrolysis of Sodium Borohydride</i> Mehmet Sait İZGİ, Siirt University
10:20	Cafe/Tea Brake
10:40	<i>The Relationship Between Radon Gas Emanation and Earthquake on the Active Fault System</i> Mahmut DOĞRU, Fırat Univeristy
11:00	<i>Investigation of Ground-State Nuclear Structure Properties of Some Radionuclides Used in Nuclear Battery Technology</i> Ozan ARTUN, Bulent Ecevit University
11:20	<i>Investigation of Heavy Metal Concentrations in Soils at the Central Settlements of Erzincan, Turkey</i> Paşa YALÇIN, Erzincan University
11:40	<i>Experimental and Quantum Chemical Studies of 2,2'-Bipyridyl-Linked Diamino Compound</i> Nesrin BEYNEK, Trakya University
12:00	Lunch

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24 August 2017, Thursday, Afternoon

Time	Title
14:00	<i>Dynamic Magnetic Hysteresis Behaviors in a Mixed Spin (3/2, 2) Bilayer System with Different Crystal-Field Interactions</i> Mustafa KESKİN, Erciyes University
14:20	Theoretical Calculation of Bulk Structure Properties for InSe/GaSe Semiconductor Heterostructures Seyfettin DALGIÇ, Trakya University
14:40	<i>Theoretical Investigation on the NbRuB and NbOsB Compounds</i> Engin DELİGOZ, Aksaray University
15:00	<i>Theoretical Reaction Mechanism Study of 5-Methoxyisatin-3-(N-Phenyl)Thiosemicarbazone Derivatives and 2,2-Diphenyl-1-Picrylhydrazyl Radical</i> Fatma KANDEMİRLİ, Kastamonu University
15:20	Cafe/Tea Brake
15:40	<i>Theoretical Study of Corrosion Inhibition for Benzaldehyde Thiosemicarbazide, P-Chlorobenzaldehyde Thiosemicarbazide and 4-Dimethylaminobenzaldehyde Thiosemicarbazide</i> Abdelhakim ALRJAIBI, Kastamonu University
16:00	<i>QSAR Study on Thiosemicarbazone Derivatives as Ribonucleotide Reductase Inhibitors</i> Mustafa LAWAR, Kastamonu University
16:20	<i>The Morphological Properties of as-Cast and Melt-Spun Al-5Zn-2.5Mg Alloy</i> Ali Mawlood İBRAHİM, Erciyes University
16:40	<i>Fabrication and Characterizations of Dysprosium-Doped Cubic Zirconia Films via Slurry Spin Coating for IT-SOFC</i> Esra YILDIZ, Bozok University

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25 August 2017, Friday, Morning

Time	Title
09:00	<i>Electron Dynamics in Metal Nanoclusters Under Optical Vortices</i> Koray KÖKSAL, Bitlis Eren University
09:20	<i>A Molecular Dynamics Study about the Physical Properties of Co_mAu_n ($m+n=147$) nanoclusters with the Icosahedral Shape</i> Ali Kemal GARİP, Bulent Ecevit University
09:40	<i>Hydrogen Generation by Hydrolysis of Sodium Borohydride</i> Mecit AKSU, Duzce University
10:00	<i>Synthesis, Characterization and Quantum Chemical Calculations of 4-Tert-Butylphenol-Methylboronic Acid and Antioxidant Applications</i> Salih CINAKLI, Bozok University
10:20	Cafe/Tea Brake
10:40	<i>Antioxidant and Morphological Characteristics of ZnO Nanoparticles Using Tangerine Extract</i> Ercan KARAKÖSE, Çankırı Karatekin University
11:00	<i>Antioxidant Activity of Green Synthesized ZnO Nanoparticles Using Mentha Piperita Extract</i> Hakan ÇOLAK, Çankırı Karatekin University
11:20	<i>Investigation of the Effect on the Relaxation Times of Albumin Aggregation in D_2O Solutions</i> Arzu EKİNCİ, Siirt University
11:40	<i>High Energy Accelerator Studies in Turkey</i> Hatice DURAN YILDIZ, Ankara University
12:00	Lunch

25 August 2017, Friday, Afternoon

Time	Title
14:00	<i>Nano Wavelength Range Laser Production in Turkey</i> Dilaver PORSUK, Ankara University
14:20	<i>Investigation of the Structure Formed by the Furan Molecule and Ti Atoms/Ti_n (n=2-5) Clusters by Using the Density Functional Theorem</i> Can Doğan VURDU, Kastamonu University
14:40	<i>A DFT Study of Hexagonal Mg⁺² Doped Fluorapatite Mg_xCa_{10-x}(PO₄)F₂ (0 ≤ x ≤ 4)</i> Vildan GÜDER, Trakya University
15:00	<i>Meissner and Vortex States of the Barium and Yttrium in YBCO HIGH-T_c Superconductor</i> Numan ŞARLI, Erciyes University
15:20	<i>Multi-Focus Image Fusion Based on Discrete Wavelet Transform Using Firefly Optimization Algorithm</i> Hasan ULUTAŞ, Bozok University
15:40	<i>Multi-Focus Image Fusion Based on Discrete Wavelet Transform Using Particle Swarm Optimization Algorithm</i> Harun AKBULUT, Bozok University
16:00	Closing Remark