

Program

Time

Title

8 August 2018, Wednesday

- 09:30 Registration
- 10:00 Opening Remark
- 10:30 *Ultrasonic Irradiation Assisted Surface Modified Barium Borate Synthesis*
Muhammet Nasuh ARIK
- 11:00 *Utilization of Boron as an Energy Material*
Ümitcan EM RO LU
- 11:30 *Trace Element Enrichment and Occurrence of Western Anatolian Borate Deposits*
smail KOÇAK
- 12:00 Lunch
- 13:30 *Tekstil bazlı balistik ürünlerde bor nanomalzemelerin kullanımının araştırılması*
Emel Ceyhun SABIR
- 13:50 *Enhancement of the critical current and trapped magnetic field properties of the partial doped and sintered $MgTi_{0.06}B_2$ bulk superconductor using numerical and experimental methods*
Kemal ÖZTÜRK
- 14:10 *Effect of CeO_2 Supported La-Ni-Mo-B on Potassium Borohydride Hydrolysis*
Mehmet Sait ZG
- 14:30 *Boron Added Pumice Brick Production: Determination of Physicomechanical and Chemical Properties*
Ragıp KIZILTA
- 14:50 Cafe/Tea Brake
- 15:10 *Effect of Boriding and Plasma Nitriding Process on Gamma Attenuation Parameters of Hardox 400 Alloy*
Ali GÜROL
- 15:30 *Characterization of a Novel Neutron Shielding Material Consists of Polyester and Boron Carbide*
Erol KAM

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15:50 *Synthesis of Some Rare Earth Borides*
Mecit AKSU

16:10 *Facile Synthesis and Characterization of 5-[4(N-Methyl-N-(2-hydroxyethyl) –amino) -benzylidenamino]-2-mercaptobenzimidazole. compound and its electrochemical sensor application*
Faruk KARDA

Program

Time

Title

9 August 2018, Thursday

- 09:00 *Radiological Assessment of Phosphate Rocks in Some Countries*
U ur ÇEV K
- 09:30 *Investigation of Optical Properties of Petroleum Products by Light Scattering*
Süleyman YILMAZ
- 09:5 *Alkali-Mg metal incorporated 211-MAX compounds: Hf_2MgY ($Y=B, C, N$)*
Sezgin AYDIN
- 10:10 *Experimental and Theoretical Investigation of Aminopyrimidine-Carboxyl(Ate) Interactions In Trimethoprim 1,2-Cyclohexanedicarboxylate*
Nesrin BEYNEK
- 10:30 Cafe/Tea Brake
- 10:50 *Clean Light Technology*
Kadir ESMER
- 11:20 *The Interaction Study with Tigecycline and Sulbactam*
Fatma KANDEM RL
- 11:40 *Molecular Structure and Electronic Properties of Diatrizoate, Ioxaglate Contrast Compounds by Quantum Chemical Calculations*
Fatma ALDIBASHI
- 12:00 Lunch
- 13:30 *Thyrosinase, Antioxidant, Toxicity Evaluation of the Novel Boron Compound Obtained From 3-Methoxy Catechol and 4-Methoxyphenylboronic*
Hamdi TEMEL
- 14:00 *Dump of the Beam at Linear Accelerators*
Hatice DURAN YILDIZ
- 14:20 *Investigation of Natural Gamma Dose Rates for Edirne, Turkey*
Kübra BAYRAK

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- 14:40 Cafe/Tea Brake
- 15:00 *IBM-1 and SM Calculations on the Even-Even Fe Isotopes*
Mahmut BÖYÜKATA
- 15:20 *Monovacancy in Phosphorene Ribbons*
Do ukan BOZKURT
- 15:40 *Analyzing the Relationship between Sun Spots Numbers and
Thunderstorms Over Turkey Case Study; Ankara Regional Station and
Ankara Esenbo a Airport Station*
ükriye ÖZ
- 16:00 *Calculated pKa and QSAR studies of some methyl acetoxy derivatives
as PON1 activators*
Mustafa LAWAR

Program

Time

Title

10 August 2018, Friday

- 09:00 *Cubic Boron Nitride Hollow Nanoparticles in Water: a Molecular Dynamics Study*
Serap ENTÜRK DALGIÇ
- 09:30 *Investigation of The Structural Properties of (Au-Co-Pd)_N Ternary Nanomaterials*
Halit SERTEL
- 09:50 *Ab initio Investigation into Structural, Mechanical and Electronic Properties of W₅Ge₃*
Emre BÖLEN
- 10:10 *Thermal Stability of Icosahedral Shaped Pd_mPt_(13-m)Ag₄₂ Ternary Nanomaterials: a Molecular Dynamics Study*
Ali Kemal GAR P
- 10:30 Cafe/Tea Brake
- 10:50 *Advanced Techniques in Molecular Dynamics: Application to a Solid Matter*
Yakup HUNDUR
- 11:20 *Quantum Chemical Study on Relationship Between Structure of Some Thisemicarbazide And Tetrazole Derivatives And Their Inhibition Performance*
Abdulhalik YOUNIS
- 11:40 *Ge Quantum Dots (QDs) Encapsulated in Fullerene C₇₂₀*
Seyfettin DALGIÇ
- 12:00 Lunch
- 13:30 *Icosahedral Boron Carbide Nanocrystals grown inside DLC texture by HFCVD*
Mostafa DADASHBABA
- 14:00 *Theoretical and Experimental Studies for the Corrosion Inhibition Potentials of (4-(2-Methoxyphenyl)-3-Thiosemicarbazide) for Mild Steel in 1.0 M HCL*
Abdelhakim ALRJAIBI

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- 14:20 *Optimization and melting dynamics of PtAlCu ternary nanoalloy*
Hüseyin YILDIRIM
- 14:40 Cafe/Tea Brake
- 15:00 *Theoretical Calculation of (hkl) Plane Energies in Fe – 40 % Al Alloy*
Hamza Yasar OCAK
- 15:20 *Latest Results on Associated Production of a Vector Boson Jets for
Standard Model Physics*
Metin YALVAC
- 15:40 *Closing Remark*

Posters

8 - 10 August 2018

Time : 16:30 – 17:00

Title

*Investigation of Optical Properties of Liquid Crystals in Hexagonal Structure
by Light Scattering*
Suleyman Akif OLUCUK

Dielectric Properties of MOS Device Based on TiO₂/SiO₂ Oxide Layer
Saime ebne ÇET N

Determination of Outdoor Gamma Dose Rates in Yalova, Turkey
Kübra BAYRAK

*Hollow Boron Carbide Tetragonal Column (HBCTC) Nano and Micro
Structures Growth and Wide Application in Bit Industry for Petroleum Well
Drilling Bit*
Mostafa DADASHBABA

HF and DFT Studies of Disodium Oktaborat Tetrahidrat
Bekir ÇOLAK

*Effect of synthesis temperature on the particle size and optical energy band
gap of Ni doped CdS nanoparticles*
Sabit HOROZ

RF Fields and Accelerating Particles
Halime TUGAY

The Optical and Structural Properties of ZnO Nanorods
Ramazan DERTL

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Yozgat, August 8-10, 2018**

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Salih Karacabey (Rector)

Chairman

Mustafa Büyükata

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