

Program

25 July 2019, Thursday

- 09:30 Registration
- 10:00 Opening Remark
- 10:30 *Numerical Investigation of Size-Based Separation of Biological Nanomaterials by Piezoelectric Phononic Crystals*
Ahmet ÇİÇEK
- 11:00 *Biological Activities and Cosmetic Applications of New Boron Compounds*
Hamdi TEMEL
- 11:30 *Introducing NATEN: Rare Earth Elements Research Institute*
Selim TOPAL
- 12:00 Lunch

25 July 2019, Thursday

- 13:30 *Chemical Sensors Based on Electrospun Nanofibers*
Ahmet ALTINDAL
- 13:50 *Electrical Properties of Nitinol Doped Liquid Crystals*
Sait Eren SAN
- 14:10 *The effects of Surface States, Series Resistance and Interfacial ($Ca_3Co_4Ga_{0.001}O_x$) Layer on Capacitance and Conductance Measurements at 7kHz and 500 kHz*
Elif MARIL
- 14:30 *The Inhibition Effect of the Main Medical Plant's Active Compounds on Breast Cancer*
Faik GÖKALP
- 14:50 Cafe/Tea Brake
- 15:10 *Toxic Element Analyzes with ICP-OES and LIBS Methods in Recent Marine Sediments between Silivri (Istanbul) and Çanakkale Strait*
Erol KAM
- 15:30 *CERN-ATLAS Experiment Studies and ADCoS Shift Duties on Data Distribution at Institute of Accelerator Technologies*
Hatice DURAN YILDIZ
- 15:50 *Investigation of Thoria Based Inert Matrix Fuels*
Ahmet YAYLI
- 16:10 *Characterization of Fe and Ni Based Magnetic Alloys Produced by Rapid Solidification Method*
Can Doğan VURDU
- 16:30 Poster Session
- 17:30 Technical Trip to “Garanti Kompozit Teknolojileri Fabrikası” at Yozgat OSB

26 July 2019, Friday

- 09:40 *Hyperspherical Harmonics Method for the Solutions of Quantum Mechanical Three Body Problems*
Zeynel YALÇIN
- 10:00 *Neutron Detection Systems and Their Application*
Sefa ERTÜRK
- 10:20 *Evaluation of Measurement Uncertainty Components of ^{230}Th Activity Concentration in Soil*
Meryem SEFERİNOĞLU
- 10:40 Cafe/Tea Brake
- 11:00 *The Role of Potassium Channels in Cancer*
Enes AKYÜZ
- 11:20 *Microalgae and Wastewater Treatment*
Alper SOLMAZ
- 11:40 *Quantum Information Theory and Quantum Computers*
Durgun DURAN
- 12:00 Lunch

26 July 2019, Friday

- 13:30 *Stabilization Energy Study of the Contrast Agent Iomeprol*
Fatma KANDEMİRLİ
- 13:50 *Investigation of Structural Properties of Rapidly Solidified Al-10La Alloy*
Ercan KARAKÖSE
- 14:10 *Gross Alpha and Gross Beta Activity Levels of Holocene Sediments Between Şarköy and Mürefte (Tekirdağ)*
Melike ÖNCE
- 14:30 *Study of the effects of one of the derivatives of pyridine on the behavior of mild steel corrosion in hydrochloric solution (IM)*
Khaled Saad Miled FERIGITA
- 14:50 Cafe/Tea Brake
- 15:10 *Electrochemical Investigation of Norbornyl Thiosemicarbazide (NTSC) as Corrosion Inhibitor for Copper In Solution Contain 3.5% NaCl*
Mothana Ghazi Kadhim ALFALAH
- 15:30 *Effect of the Macrocyclic Ring Size and R-Group Chain Length on the Optical Properties of the CuPc Thin Films*
Nur ELMAS DURAN
- 15:50 *The Composition and Chemical Ordering Effect on the Melting Temperature of 55 Atom Au-Ag-Pt Nanoalloys*
Ali Kemal GARİP
- 16:10 *Structural and energetic stability of silver clusters: A Molecular Dynamic study*
Mustafa BÖYÜKATA
- 16:30 Closing Remark

Posters

25 July 2019

Time : 16:30 – 17:30

Title

Enhancement of Electrochemical Performance of Electrodeposited V₂O₅ Films by Doping Different Additives

Yusuf HAFIZOĞLU

A Monte Carlo Simulation Study of Na₂Si₃O₇ / Bi₂O₃ / B₂O₃ / Sb₂O₃ Quaternary Glassy Composites for Radiation Shielding

Ozan TOKER

Electrochemical Activity of V₂O₅ Films of Different Current Densities by Electrodeposition Method

Ayhan AYKARA

An Investigation of Ternary Composites as Gamma Ray Shielding Material by Monte Carlo Simulation and BXCOM

Bayram BİLMEZ

Critical Behaviors of the Mixed Spin-1/2 and Spin-2 Blume-Capel Model in a Random Crystal Field

Oktay BARUT

Investigation of Structural Behavior of Some Odd-Even Samarium Isotopes

Yeşim ŞAHİN

BSW2019 Eighth Bozok Science Workshop, Yozgat, July 25-27, 2019

Honorary President
Ahmet Karadağ (Rector)

Chairman
Mustafa Büyükkata

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