

26.10.2018 Friday

10:00	Opening Ceremony	
11:00-11:30	Cocteyl	
12:00	Lunch	
<b>SESSION I</b> <b>SESSION CHAIR: Emre GÜLER</b>		
<b>HOUR</b>	<b>LECTURER</b>	<b>TITLE</b>
13:30-14:00	Shadia IKHMAYIES (Invited Speaker)	Thermo-calc phase diagrams of X-O binary systems, (X= Al, Sn, and Cu)
14:00-14:15	Gökhan SÜRÜCÜ	Properties Of LiNiH <sub>3</sub> and NaNiH <sub>3</sub> Perovskite type hydrides for hydrogen storage applications
14:15-14:30	Halil MUTUK	Newton-Raphson Method in Python and Mathematica
14:30-14:45	Ayşenur YILDIZ	A new class of univalent functions obtained using meromorphic functions
14:45-15:00	Merve TURHAN	On the formation of convex and univalent functions with the help of Dened logarithmic functions
15:00-15:15	Ayşenur GENCER	Hydrogen storage properties of CaTiO <sub>3</sub> H <sub>x</sub> and MgTiO <sub>3</sub> H <sub>x</sub>
15:15-15:30	Coffee Break	
<b>SESSION II</b> <b>SESSION CHAIR: Shadia IKHMAYIES</b>		
<b>HOUR</b>	<b>LECTURER</b>	<b>TITLE</b>
15:30-15:45	Emre GÜLER	Investigation of crystal structure and magnetic Pproperties in Cu-Zn-Al-Mn alloy
15:45-16:00	Zeynep DEMİRCİOĞLU	Hirshfeld surface analysis
16:00-16:15	Halil MUTUK	A Runge-Kutta study of harmonic and anharmonic oscillator
16:15-16:30	Zeynep DEMİRCİOĞLU	Local & global chemical activity studies: Electrophilic/nucleophilic nature
16:30-16:45	Melek GÜLER	Magnetic behavior in Cu-based alloy
16:45-17:00	Nevzat KARADAYI	Computational and experimental investigations of (e)-2-((2,4-dichlorophenylimino)methyl)-4-nitrophenol

27.10.2018 Saturday

<b>SESSION III</b>		
<b>SESSION CHAIR: Mehmet KARA</b>		
<b>HOUR</b>	<b>LECTURER</b>	<b>TITLE</b>
10:00-10:30	Emre GÜLER <b>(Invited Speaker)</b>	A theoretical benchmark for the elastic and mechanical properties of Wurtzite ZnS and CdS
10:30-10:45	Betül CANIMKURBEY	Fabrication and a characterisation new generation organic electronic device
10:45-11:00	Telhat ÖZDOĞAN	Evaluation of two center Coulomb integrals over Slater type orbitals via Fourier transform method
<b>11:00-11:15</b>	<b>Coffee Break</b>	
<b>SESSION IV</b>		
<b>SESSION CHAIR: Muhammad Hassan SAYYAD</b>		
<b>HOUR</b>	<b>LECTURER</b>	<b>TITLE</b>
11:15-11:30	İlknur KARS DURUKAN	A first-principles study of Pressure-induced effects on phase transition, elastic, electronic and vibrational properties of Cesb compound
11:30-11:45	Gökçe KILIÇ	Dispersion analysis of an orthorombic elastic layer resting on an elastic foundation
11:45-12:00	Betül DENİZ	Intrinsic metric and geodesics of the Sierpinski carpet
<b>12:00</b>	<b>Lunch</b>	
<b>SESSION V</b>		
<b>SESSION CHAIR: Yasemin ÖZTEKİN ÇİFTÇİ</b>		
<b>HOUR</b>	<b>LECTURER</b>	<b>TITLE</b>
13:00-13:30	Oğuz GÜLSEREN <b>(Invited Speaker)</b>	A journey in flatland
13:30-13:45	Murat DURANDURDU	Electric and mechanical properties of amorphous silicon hexaboride
13:45-14:00	Tevhide Ayça YILDIZ	Hydrogenated amorphous boron nitride: a first principles study
14:00-14:15	Ayşegül Özlem ÇETİN	Amorphous silicon triboride: A first principles study
14:15-14:30	Özge ÖZKILINÇ	Theoretical investigation of electronic properties of the 4,7-Bis(2,3-Dihydro-Seleno[3,4-B]-1,4-Dioxin-5-Yl)Benzo[2,1,5]-selenadiazole conjugated polymer

14:30-14:45	Duygu TAHAOĞLU	Derivative structures of Closo boron hydride cluster, B <sub>16</sub> X <sub>16</sub> : A DFT study
14:45-15:00	Nurcan BİLGİLİ GÜNGÖR	Fixed point theorems via Reich type convergence for mappings which satisfy generalized c-conditions
15:00-15:15	Hatice VURAL	Experimental and computational study of 2,3-difluoro-5-(trifluoromethyl)pyridine
<b>15:15-15:30</b>	<b>Coffee Break</b>	
<b>SESSION VI</b>		
<b>SESSION CHAIR: Fatma KANDEMİRLİ</b>		
<b>HOUR</b>	<b>LECTURER</b>	<b>TITLE</b>
15:30-15:45	Fatma KANDEMİRLİ	Interactions of polypyrrole (ppy) - gold monolayer surfaces
15:45-16:00	Melek GÜLER	Some characteristics of thermally induced martensite in Cu-10%Al-5%Fe alloy
16:00-16:15	Melek GÜLER	Crystallographic and magnetic properties of phase transformation in Cu-10%Al-5%Fe alloy
16:15-16:30	Fatma MASOUD	Stabilization energy of iohexol and iodixanol contrast compounds
16:30-16:45	Abdelhakim ALRIAIBI	Theoretical and experimental studies for the corrosion inhibition potentials of (2-phenylethyl)-thiosemicarbazide, (4-phenyl-3-thiosemicarbazide), (4-benzyl-3-thiosemicarbazide) for mild steel in 1.0 m HCl
16:45-17:00		

28.10.2018 Sunday

<b>SESSION VII</b>		
<b>SESSION CHAIR: Nezihe ÇALIŞKAN</b>		
<b>HOUR</b>	<b>LECTURER</b>	<b>TITLE</b>
10:00-10:30	Yasemin ÖZTEKİN ÇİFTÇİ <b>(Invited Speaker)</b>	Evaluation of Half-Heusler compounds as thermoelectric materials: A first principles study for application of Nascge
10:30-10:45	İlknur KARS DURUKAN	CEP : Structural, electronic, thermodynamic and vibrational properties by first principles calculations
10:45-11:00	Ayşin ZÜLFİKAROĞLU	DFT computational studies on n-(3-chloro-4-methylphenyl) aminomethyl glyoxime ligand and its nickel(II) complex
<b>11:00-11:15</b>	<b>Coffee Break</b>	
<b>SESSION VIII</b>		
<b>SESSION CHAIR: Mustafa KANDEMİR</b>		
<b>HOUR</b>	<b>LECTURER</b>	<b>TITLE</b>
11:15-11:30	Ahmed Nuri KURŞUNLU	Synthesis of two new pillar[5]arene macromolecules
11:30-11:45	Ahmed Nuri KURŞUNLU	The preparation of a fluorescent bodipy derivative and the investigation of Its photophysical properties
11:45-12:00	Nurcan BILGILI GÜNGÖR	Generalized Alpha(Star)-Psi-contractive multifunctions and related fixed point results
<b>12:00</b>	<b>Lunch</b>	