

5 OCTOBER 2017

08.30		REGISTRATION
10.00-11.00		OPENING CEREMONY
11.00-11.30		COFFEE BREAK
Session 1 : Bioscience & Biotechnology		
Chair : Mehmet Çetin KOÇAK		
11.30-11.45	O1	<u>Hüseyin AVCI</u> Microfluidic Biosensor Integrated Organ-an-a-Chip System for Drug Discovery
11.45-12.00	O2	<u>Hamed GHORBANPOOR</u> , Hüseyin AVCI, Macid NURBAŞ An Effective Natural Approach to Synthesize Magnetic Nanoparticles
12.00-12.15	O3	<u>Nalan ÖZDEMİR</u> , Cevahir ALTINKAYNAK, İsmail YILMAZ The Effect of Synthesis Conditions on Formation of Protein-Inorganic Hybrid Nanoflowers (hNFs)
12.15-12.30	O4	<u>Fatma DOĞAN-GÜZEL</u> Nanopores as Single Molecule Sensing Tools
12.30-14.00		LUNCH
Session 2 : Synthesis & Characterization		
Chair : Zeynel KILIÇ		
13.30-13.45	O5	<u>Abdurrahman ŞENGÜL</u> Hybrid Systems Based on Perylene Diimide Derivatives or Ball-type Dinuclear Metallophthalocyanines for Photovoltaic Applications
13.45-14.00	O6	<u>Fae'q A. A. RADWAN</u> Anisotropy of Different Types of Alloys
14.00-14.15	O7	Tuğçe AYAS, <u>Halit L. HOŞGÜN</u> , E. Zafer HOŞGÜN, Ayşe Gül TÜRE Microwave-assisted Synthesis of 5-Hydroxymethylfurfural (5-HMF) over Metal Doped Alumina: Catalyst Screening Study
14.15-14.30	O8	Muhammad MUFAKKAR, <u>Ghulam Hussain BHATTI</u> Synthesis, Spectroscopic and Thermal Studies of Copper(I) Chlorido Complexes of Thioureas
14.30-14.35	MO1	<u>Dilek ÜNAL</u> , Tayfun TAŞ Fluorescence of Indoles on Zeolite-Polymer Multilayers
14.35-14.40	MO2	<u>Tuğçe KURT</u> , Berna TOPUZ Preparation of Organically-linked Silica Membranes



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14.40-14.45	MO3	Hayriye ARAL , K. Serdar ÇELİK, Ramazan ALTINDAĞ, Tarık ARAL Synthesis, Characterization and Application of a Novel Multifunctional Stationary Phase for Hydrophilic Interaction/Reversed Phase Mixed-mode Chromatography
14.45-14.50	MO4	Selma BAL Carbazole Derived Compounds, Synthesis, Elucidation, Catalytic and Thermal Features
14.50-14.55	MO5	Aslı USTALAR , Mehmet YILMAZ Microwave Assisted Synthesis and Acetylcholine Esterase Inhibition of 6,7-Dihydro-5H-furo[2,3-d]thiazolo[3,2-a]pyrimidin-5-ones
14.55-15.00	BREAK	
Session 3 : Computational & Theoretical Chemistry		
Chair : Güleren ALSANCAK		
15.00-15.15	O9	Mehmet Çetin KOÇAK , Nahil SOBH Koçak's Nonlinear Least Squares Workbench Fits Standard Linear Solids Models Used in Characterization of Viscoelastic Materials by Nanoindentation
15.15-15.30	O10	Goncagül SERDAROĞLU A Computational Study on βC Alkaloids: Solvent Effect, Quantum Chemical Descriptors, FMO Analysis
15.30-16.00	COFFEE BREAK	
Session 4 : Materials Science		
Chair : Bolormaa OYUNTSETSEG		
16.00-16.05	MO6	Fatih Mehmet EMEN , Ruken Esra DEMİRDÖĞEN, Ali İhsan KARAÇOLAK, Zeynep YILDIRIM, Derya KILIÇ, Göktürk AVŞAR Preparation and Characterization of BaMO₄:Eu@MCM-41 Composite
16.05-16.10	MO7	Derya KILIÇ , Fatih Mehmet EMEN, Ruken Esra DEMİRDÖĞEN, Göktürk AVŞAR, Zehra Gülten ALTIN, Tuncay YEŞİLKAYNAK, Ali İhsan KARAÇOLAK, Zeynep YILDIRIM Preparation of Modified MCM-48 with Thiourea Derivative Palladium Complex and its Use as Catalyst
16.10-16.15	MO8	Emine YALAZ , Serdar YILMAZ Fabrication and Characterization of Gd₂O₃-ZrO₂ Binary System for IT-SOFCs via Pecchini Technique
16.15-16.20	MO9	Sıdıka Mine TOKER Geometry and Surface Characteristic Dependent Biocompatibility Analysis of NiTi Alloys
16.20-16.25	MO10	Merve Deniz KÖSE , Oğuz BAYRAKTAR Silk Fibroin Microparticles Loaded with Extract of Olive Leaves



16.25-16.30	MO11	Süreyya TAVLAŞOĞLU , Cevahir ALTINKAYNAK, Berrak ALTINSOY, Nalan ÖZDEMİR, İsmail ÖÇSOY, Zeynep KÖKSAL, Hasan ÖZDEMİR Enhanced Antimicrobial Activity of Lactoperoxidase Incorporated Hybrid Nanoflowers
16.30-16.35	MO12	Resul ÖZDEMİR , Mehmet ÖZDEMİR, Choongik KIM, Hakan USTA Ultralow Bandgap Molecular Semiconductors for Ambient-stable and Solution-processable Ambipolar Organic Fiel-effect Transistors and Inverters
16.35-16.40	MO13	Nevin SOYLU KOÇ , Sevgi Polat ALTINTAŞ, Cabir TERZİOĞLU Influence of Samarium Doping on The Structural and Transport Properties of La_{1.4}Ca_{1.6}Mn₂O₇ Manganites
16.40-16.45	MO14	Mustafa ERKARTAL Mixed-Ligand Boronic Acid UiO Type Metal-Organic Frameworks and Their Sugar Capture Properties
16.45-16.50	MO15	Bariş ŞİMŞEK, Tayfun UYGUNOĞLU, Vedat Arda KÜÇÜK , Zehra Gülten ALTIN, Mehmet Muhtar KOCAKERİM Investigation of Optimum Calcium Alumina Cement Dosage of Polymer Concrete Composites
16.50-16.55	MO16	Melike Şeyma KADAYIFÇI , Murat TOPUZOĞULLARI, Damla GÖKKAYA, Tuğba ATABEY, Tülin Özbek ARASOĞLU, Mehmet Murat ÖZMEN Core-crosslinked Block Copolymer Micelles for Antibacterial Applications
16.55-17.00	BREAK	
Session 5 : Analysis		
Chair : Aybüke A. İSBİR TURAN		
17.00-17.05	MO17	Hayrunnisa MAZLUMOĞLU , M. Şahin GULABOĞLU Effect of Suspended Limestone on SO₂ Absorption
17.05-17.10	MO18	Yasemin TÜMER , Nuran ASMAFİLİZ, Zeynel KILIÇ, L. Yasemin KOÇ, Leyla AÇIK, Hossien SOLTANZADE Antimicrobial and Cytotoxic Activities, and DNA Interactions of Vanillinato Substituted NN or NO spirocyclic Monoferrocenyl Cyclotriphosphazenes
17.10-17.15	MO19	Sevcan ERDEN , Zehra YAZAN Square Wave Voltammetric Determination of Cefpodoxime Proxetil by using Pencil Graphite Electrode
17.15-17.20	MO20	Tuğba YAVUZ , Levent PELİT Determination of H₂O₂ by High Spin Peroksocomplex
17.20-17.25	MO21	Dilek ESKİKÖY BAYRAKTEPE , Zehra YAZAN, Kamran POLAT Adsorptive Stripping Voltammetric Determination of the Anti-cancer Agent Dasatinib Using Disposable Pencil-graphite Electrode



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17.25-17.30	MO22	Melek TERCAN , Osman DAYAN Synthesis and DSSC Applications of New Ruthenium Complexes Bearing Benzimidazole Type Ligands
17.30-17.35	MO23	Ayşecik KAÇMAZ Potential Bioactive 1,4-Naphthoquinone Derivatives
17.35-17.40	MO24	Ayşenur SOFUOĞLU , Zekeriya BIYIKLIOĞLU, Burak BARUT, Arzu ÖZEL Water Soluble Silicon Phthalocyanines, Naphthalocyanines and Investigation of Their DNA Binding, DNA Photocleavage, Topoisomerase I Inhibition
17.40-17.45	MO25	Gizem TIRIS , Nevin ERK Comparative Study of New Spectrophotometric Techniques for the Simultaneous Determination of Ezetimibe and Rosuvastatin in Binary Mixtures
17.45-17.50	MO26	Nevin ERK, Berk TOKER Novel Spectrophotometric Methods for the Determination of Zofenopril and Lercanidipine in Binary Mixtures
11.00-17.00	Poster Session #1 : Posters from 1 to 80	
18.30	MOVE FROM THE HOTEL TO THE ÇAYYOLU-GÜVEN BY BUS	
19.30-22.30	OPENING COCKTAIL	
	CONCERT - Songs of the Century (Dr. Zafer MUTLU)	
	CONCERT - Ankara University Hitit Sun Music Group Turkish Music Concert (Prof. Dr. Selen BİLGE KOÇAK, Chair)	
	DANCE SHOW - ADA Ankara Dance Research Community (Ankara University State Conservatory Modern Dance Division)	



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Session 6 : Materials Science

Chair : Ahsan-Ul-Haq QURASHI

08.30-08.35	MO27	Hale BAYRAM, <u>Damla ERKAKAN</u> , Müşerref ÖNAL, Yüksel SARIKAYA Some Physicochemical Characteristics of Acid-activated Bentonite Samples
08.35-08.40	MO28	<u>Mehmet ÖZDEMİR</u> , Resul ÖZDEMİR, Hakan USTA A New Solution-Processable Molecules for Semiconducting Microfibers in Organic Thin-Film Transistors
08.40-08.45	MO29	<u>Mehmet KURT</u> , Ercan KARAKÖSE, Ahmet YARTAŞI, Hakan ÇOLAK Deposition of Zinc oxide Solution of Different Volume on Glass Surface by Spray Pyrolysis Technique
08.45-08.50	MO30	<u>Umut SAVACI</u> , Zuhul YILMAZ, Nuran AY, Servet TURAN Characterization of In-Situ Synthesized Hexagonal Boron Nitride and Silicon Carbide Composites with Conventional and Advanced Transmission Electron Microscopy Methods
08.50-08.55	MO31	<u>Zeynep ÖREN</u> , Derya Yeşim HOPA Effects of Calcium and Magnesium Containing Additives on Crystallization of Sodium Carbonate from Trona Ore
08.55-09.00	MO32	<u>Irmak KARADUMAN</u> , Tuğba ÇORLU, Sezin GALİOĞLU, Burcu AKATA, Memet Ali YILDIRIM, Aytunç ATEŞ, Hacı Hasan ÖRKÇÜ, Selim ACAR Exhaled Breath Analysis with Sn-doped ZnO Sensors for the Identification and Characterization of Asthma Disease
09.00-09.05	MO33	<u>Elvan HASANOĞLU ÖZKAN</u> , Nurşen SARI, Ali DİŞLİ Bis(η ⁵ -cyclopentadienyl)iron Attached Nanoparticles; Application on Qualitative Analysis of Glucose
09.05-09.10	MO34	Özge Bildi CERAN, Öznur KARHAN, Osman Nuri ŞAHİN, <u>Barış ŞİMŞEK</u> Response Surface Methodology Based D-optimal Design to Analyze the Silver Nanoparticles Production Yield
09.10-09.15	MO35	<u>Gülşah KURUÇAM</u> , Zafer ÇIPLAK, Seray TÜRKÖZ, Nuray YILDIZ, Ceren ATİLA DİNÇER High Performance Supercapacitor based on rGO-Fe ₃ O ₄ /PANI Nanocomposite
09.15-09.20	MO36	<u>Seray TÜRKÖZ</u> , Nuray YILDIZ, Zafer ÇIPLAK, Gülşah KURUÇAM, Ceren ATİLA DİNÇER Investigation of Fe ₃ O ₄ /rGO Nanocomposite Performance for Supercapacitor Application
09.20-09.25	MO37	<u>Sevgi POLAT ALTINTAŞ</u> , Nabil MAHAMDI OUA Impact of A-site Cation Size Disorder on Electronic Properties of Perovskite Manganites
09.25-09.30	BREAK	



Session 7 : Synthesis & Characterization

Chair : Fae'q A. A. RADWAN

09.30-09.45	O11	Tahir DAŞKAPAN, <u>Adem KORKMAZ</u> The Effect of Leaving in the Electrophilic Amination of Diarylcadmium Reagents
09.45-10.00	O12	Muhammad MUFAKKAR, <u>Ghulam Hussain BHATTI</u> , Abdul QAYYUM A Comparative Study on the Synthesis, Characterizations and Biological (Antibacterial and Antifungal) Activities of Zinc Doped Silica Oxide Nanoparticles Based on Various Solvents
10.00-10.05	MO38	<u>Muhammet YILDIRIM</u> , Arzu YILDIRIM, Derya ÇELİKEL Novel Thiazolo[3,2-c]pyrimidine-based Anticancer Molecules
10.05-10.10	MO39	<u>Leman ALKAN</u> , Stephen T. ASTLEY Copper(II)-catalysed Asymmetric Henry (nitroaldol) Reactions: Recent Developments
10.10-10.15	MO40	<u>Nur Güven KUZHEY</u> , Nuran ASMAFİLİZ, Leyla AÇIK Synthesis, Spectroscopic Properties and Biological Activities of Spiro-4-Methoxybenzylaminophosphazenes
10.15-10.20	MO41	<u>İbrahim Evren KIBRİZ</u> , Mustafa SAÇMACI, İsmail YILDIRIM Effective Synthesis of 3-Pyrrolin-2-one Derivatives using Aromatic Amine Compounds
10.20-10.25	MO42	<u>Sait SARI</u> , Mehmet YILMAZ Mn(OAc) ₃ Mediated Synthesis of Novel Piperazine Bearing Dihydrofurans and Investigation of Their Enzyme Inhibiton Capabilities. Part 1
10.25-10.30	MO43	<u>Akın SAĞIRLI</u> , Yaşar DÜRÜST Regioselective Synthesis of Some Novel Isoxazolidines and Isoxazoles Carrying Caprolactam Moiety
10.30-11.00	COFFEE BREAK	

Session 8 : Energy

Chair : Ali Akın AKYOL

11.00-11.15	O13	<u>Mariana-Dana DAMACEANU</u> , Catalin-Paul CONSTANTIN, Mihai MIHAILA, Mihaela KUSKO, Razvan PASCU Development of a Novel Dye with Bi-anchoring Pattern
11.15-11.30	O14	<u>Catalin-Paul CONSTANTIN</u> , Mariana-Dana DAMACEANU, Andra-Elena STROIA, Mihai MIHAILA, Mihaela KUSKO, Razvan PASCU Molecular Design and DSSC Performance of a Novel D-D- π -A dye
11.30-11.45	O15	<u>Andra-Elena STROIA</u> , Catalin-Paul CONSTANTIN, Mariana-Dana DAMACEANU, Mihai MIHAILA, Mihaela KUSKO, Razvan PASCU Rational Design of a Double Donor Core-based Dye for DSSC
11.45-12.00	O16	<u>Ahsan-UI-Haq QURASHI</u> , İbrahim KHAN Functional Materials for Energy Harvesting Applications



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12.00-12.15	O17	<u>Aybüke A. İSBİR TURAN</u> , Kamer DERİN, Erol ÜÇGÜL A Comparative Study on Uranium Recovery from Central Anatolia Region Uranium Ores
12.15-12.20	MO44	<u>Seda TANYILDIZI KARABOĞA</u> , İzzet MORKAN, Saim ÖZKAR Titania Supported Rhodium(0) Nanoparticles As Highly Active Catalyst in Dehydrogenation of Dimethylamine Borane
12.20-12.25	MO45	<u>Hatice TAŞ</u> , Mehmet ŞAHİN The Size of the Nano-Material on the Conversion Efficiency of the Quantum Dot Based Solar Cells
12.25-12.30	MO46	<u>Gamze ÖZÇAKIR</u> , Ali KARADUMAN CO-Pyrolysis of Microalgae with Plastic Wastes over ZSM-5
12.30-14.00	LUNCH	

Session 9 : Bioscience & Biotechnology

Chair : Nurşen SARI

13.30-13.35	MO47	<u>Elif UZUN</u> Design of Medium Conditions by Plackett Burman Method for Microbial Production of Cis,cis-muconic Acid
13.35-13.40	MO48	<u>Hilal YILDIRIM</u> , Abdellatif BARAKET, Nadia ZINE, Abdelhamid ERRACHID, Fatma DOĞAN GÜZEL An Electrochemical Biosensor for the Development of an Antibiotic Permeability Assay
13.40-13.45	MO49	<u>Efe KURTDEDE</u> , Mert PEKCAN, Hilal KARAGÜL Therapeutic and Prophylactic Effects of Silymarin in Sodium Fluoride-Induced Hepatotoxicity and Oxidative Stress in Rats
13.45-13.50	MO50	<u>Cevahir ALTINKAYNAK</u> , Firdevs GEÇİLİ, Mevret TÜRK, Nalan ÖZDEMİR Effect of Metal Ion Types on Morphology and Activity of Laccase Hybrid Nanoflowers (LhNFs)
13.50-13.55	MO51	<u>Merve TÜRK</u> , Elif KABA, Cevahir ALTINKAYNAK, Nalan ÖZDEMİR, Kemal SARIOĞLU Preparation and Characterization of Cellulose Acetate Membranes Containing Laccase Hybrid Nanoflowers
13.55-14.00	BREAK	

Session 10 : Materials Science

Chair : Mariana-Dana DAMACEANU

14.00-14.15	O18	<u>Murat DURANDURDU</u> Polyamorphism in TiO ₂
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14.15-14.30	O19	Rahmi ÜNAL , H. Yaşar OCAK, Şule UĞUR Analytical Investigation of Maximum Stresses according to the (hkl) Layers at Stable Condition for Al-Sc Alloys
14.30-14.45	O20	Havva Esmâ OKUR , Ross COLMAN, Winfried KOCKELMANN, Annette SANS, Kosmas PRASSIDES Temperature-induced Structural Transition Accompanied by a Valency Transition in Alkali Sesquioxide Cs₄O₆
14.45-15.00	O21	Şennur CANDAN , Ercan CANDAN Influence of Mg₂Si Phase on Corrosion Properties of AS Series Magnesium Alloys
15.00-15.15	O22	Semahat Barlak DORUK, Tayfun UYGUNOĞLU, Barış ŞİMŞEK , Osman Nuri ŞARA Electrical Resistivity of Polyurethane/Nanodecane Nanocapsules Reinforced Concrete Nanocomposites
15.15-15.20	MO52	Murat ÖZEN , Myrjam MERTENS, Frans SNIJKERS, Pegie COOL Texturing Properties of Hydrothermally Synthesized Barium Titanate Powders by Aqueous Tape Casting
15.20-15.25	MO53	Emre Taylan DUMAN , Oğuz BAYRAKTAR Selective Encapsulation of Volatile Compounds from Essential Oil of Cistus Creticus
15.25-15.30	MO54	A. Pınar TÜZÜM DEMİR , Çağıl KORKUSUZ Effect of Secondary Stabilizers Additives on the Polyene Formation of Plasticized Poly(vinyl chloride) Films during Heat Treatment
15.30-16.00	COFFEE BREAK	
Session 11 : Enviromental & Green Chemistry		
Chair : Mustafa ŞENYEL		
16.00-16.15	O23	Sadaf ADHAMI , Hamed GHORBANPOR, Macid NURBAŞ, Hüseyin AVCI Application of Activated Carbon to the Removal of Methylene Blue in Drinking Water
16.15-16.30	O24	Paniz TASHAKKORI , Pelin ERDEM, Serap Seyhan BOZKURT, Melek MERDİVAN Determination of Polycyclic Aromatic Hydrocarbons with Novel Spme Fiber in Sea Water and Tap Water
16.30-16.45	O25	Bayartsetseg BATBAYAR, Ganchimeg BATBOLD, Batdulam BATTULGA, Bolormaa OYUNTSETSEG , Masayuki KAWAHIGASHI, Viacheslav Victorovich KHAKHINOV, Takayuki KOBAYASHI, Nobuhide FUJITAKE Water Quality Survey of Transboundary Selenge River Basin and Lake Baikal
16.45-17.00	O26	Bayanmunkh BAATAR, Buyan CHULUUN , Narangarvuu DASHDONDOG, Sen-Lin TANG, Ochirkhuyag BAYANJARGAL, Bolormaa OYUNTSETSEG Chemical Composition Study of Lake Oigon, Western Mongolia
17.00-17.05	MO55	Tuğberk Nail DİZDAŞ , Levent PELİT, Füsün Okçu PELİT, Hasan EERTAŞ, F. Nil ERTAŞ The Effect of Ionic Liquids on Laboratory Made Polypyrrole SPME Fibers



17.05-17.10	MO56	<u>Tegshbayar NOROV</u> , Ankhnybayar BATDELGER, Batdulam BATTULGA, Bolormaa OYUNTSETSEG, Tsookhuu KHINAYAT Uranium and Hydrochemical Study of Ground and Drinking Waters in Ulaanbaatar City, Mongolia
17.10-17.15	MO57	<u>İlknur BAĞATIR ERBAŞ</u> , Tülin Deniz ÇİFTÇİ, Füsün OKÇU PELİT Novel Magnetic Dispersive m-SPE Method using Fe₃O₄/Ni/Ni_xB Nanocomposite Adsorbent for the Analysis of Pesticides
17.15-17.20	MO58	<u>Sevilay NİGAR</u> , Sennur DENİZ Antibacterial and Mechanical Properties of PU/ZIF-8 Nanocomposite Coated Polyester Fabric
17.20-17.25	MO59	<u>Uğur MORALI</u> , Hakan DEMİRAL, Sevgi ŞENSÖZ Preparation of High-surface Area Activated Carbons from Sunflower Seed Extracted Meal Seed by ZnCl₂ Activation using Taguchi Robust Product Design
17.25-17.30	MO60	<u>Zehra Gülten ALTIN</u> , Mustafa DAĞ, Ruken Esra DEMİRDÖĞEN Investigation of Properties of Canola Oil and Its Exploitation in Mineral Oil Industry
17.30-17.35	BREAK	

Session 12 : Computational & Theoretical Chemistry

Chair : Fatih Mehmet EMEN

17.35-17.40	MO61	<u>Salim EROL</u> A preliminary Process Model for Lithium-ion Batteries
17.40-17.45	MO62	<u>Duygu TAHAOĞLU</u> , Murat DURANDURDU Metallic Ca₇₂Zn₂₈ Glass from First Principle Molecular Dynamics Simulations
17.45-17.50	MO63	<u>Koray SAYIN</u> Computational Investigation of Ag(I) and Pd(II) Complexes with N-heterocyclic Carbene Ligand: A DFT Studies
17.50-18.00	BREAK	

Session 13 : Archaeological Chemistry

Chair : Nuray YILDIZ

18.00-18.15	O27	<u>Yusuf Kağan KADIOĞLU</u> Advantages and Disadvantages of Raman Spectroscopy to the EPMA in the Determination of Mineral Composition of the Rocks
18.15-18.30	O28	<u>Ali Akın AKYOL</u> , Nurşen Özkul FINDIK, Nurşen SARI Archaeometric Analyses of Medieval Period Ceramics From Hasankeyf Archaeological Area
18.30-18.35	MO64	<u>Emine TORGAN</u> Archaeometric Investigation of Historical and Archaeological Textiles



11.00-17.00	Poster Session #2 : Posters from 81 to 159	
19.30-23.00	GALA DINNER (THE BEST WESTERN HOTEL 2000)	
7 OCTOBER 2017		
08.00	BEYPAZARI TOUR MOVE FROM THE HOTEL TO BEYPAZARI BY BUS	
Session 14 : Electrochemistry		
Chair : Celal Tuğrul ZEYREK		
13.30-13.35	MO65	İlknur ÜSTÜNDAĞ <u>Determination of Serotonin in the Presence of Dopamine and Ascorbic Acid on MnO₂ doped Pseudo Carbonaceous Fiber Electrode</u>
13.35-13.40	MO66	Mohammad Shamsuddin AHMED , Seungwon JEON, Zafer ÜSTÜNDAĞ Carbon Nanotube Supported Carbonaceous Electrode for Sensitive Determination of Dopamine and Uric Acid in Presence of Ascorbic Acid
13.40-13.45	MO67	Ashutosh TIWARI , Zafer ÜSTÜNDAĞ, Lokman UZUN Fipronil Sensitive Molecularly Imprinted Polymer Electrode
13.45-13.50	MO68	Munawar Saeed QURESHI , Ali Osman SOLAK, Zafer ÜSTÜNDAĞ Determination of DNA Arrays on Carbonaceous Electrode by Electrochemical Impedance Spectroscopy
13.50-13.55	MO69	Munawar Saed QURESHI , Haslet EKŞİ KOÇAK, Zafer ÜSTÜNDAĞ Biosensor performance of Carbonaceous Electrodes
13.55-14.00	MO70	Svetlana KOCHETOVA , Victor MALYSHEV, Dimitrii SHAKHNİN Passivation Properties of Noble and Refractory Metals as Determination Factor of Their Electrochemical in Low-Temperature Ionic Melts
14.00-14.05	MO71	Svetlana KOCHETOVA, Angelina GAB, Dimitrii SHAKHNİN , Victor MALYSHEV Theoretical Background and Practical Realization of Refractory and Noble Metals Electrodeposition from Low- and Medium-Temperature Melts
14.05-14.10	MO72	Alla SUSHCHENKO , Viktor MALYSHEV, Mustafa Oğuzhan ÇAĞLAYAN, İbrahim Ender MÜLAZIMOĞLU Carbonaceous Electrode Fabrication from Pyrolyzed Coal Tar Pitch
14.10-14.15	MO73	Tarik ATTAR , Lahcène LARABI Analysis of Serum Copper and Zinc Concentrations in Healthy Adults Living in West Algeria
14.15-14.20	BREAK	



Session 15 : Enviromental & Green Chemistry

Chair : İlknur ÜSTÜNDAĞ

14.20-14.25	MO74	Muna ABUDALO , Svetlana NEVOSTRUEVA, Mark HERNADEZ Benotriazoles–Impreganted Activated Carbon for Enhanced Adsorptive Removal of Radionuclides from Aqueous Solution
14.25-14.30	MO75	Heba KANAAN , Abeer Al BAWAB, Nathir AL-RAWASHDEH, Muna ABUDALO Coupling Activated Carbon with Surface Active Materials for Olive Mill Wastewater Treatment
14.30-14.35	MO76	Dorjkhand JIGJID , Altangerel BATERDENE, Amgalan NATSAGDORJ Indoor Air Quality of Selected Places in Ulaanbaatar City, Mongolia
14.35-14.40	MO77	Azza JARADAT , Borhan ALBISS, Nathir AL-RAWASHDEH, Muna ABUDALO Effectiveness of Plants Fiber Impregnated with Green Nanoparticles for Water Disinfection
14.40-14.45	MO78	Khulan URANCHIMEG , Bayasgalan TSERENSODNOM, Nyamgerel IHAGVADOGMID, Bolormaa OYUNTSETSEG Essential Elements and the Ratio in Children’s Scalp Hair in Autism Spectrum Disorder
14.45-14.50	MO79	Barkhasragchaa BALDORJ , Amgalan NATSAGDORJ, Dashnyam BAASANJAV, Shagjamba DAVGA, Bolormaa OYUNSETSEG Air Particulate Matter in Ulaanbaatar Urban Enviroments Mongolia: Trace Elements, Patterns and Transports
14.50-14.55	MO80	Tetiana LUKASHENKO , Nina KUSHCHEVSKAYA, Viktor MALYSHEV, Ivan KUCHERIAVYI Enviromental Competence of Future Engineers- A Structural Component of Life Competence
14.55-15.00	MO81	Tetiana LUKASHENKO, Nina KUSHCHEVSKA, Viktor MALYSHEV, Ivan KUCHERIAVYI Algorithm of Formation of Ecological Competence of Chemical Engineers
15.00-15.05	MO82	Pınar ACAR BOZKURT , Büşra DOĞANAY, Meral YAŞAR Pyrolysis of Almond Shells and Characterization of Pyrolysis Liquid
15.05-15.10	MO83	Gülüzar Duygu SEMİZ Water Chemistry for Irrigation
15.10-15.15	MO84	Sead HRUSTANOVIC , Azra JAGANJAC Production of α-Gypsum Based on Flue Gas Desulphurization Gypsum
15.15-15.20	BREAK	

Session 16 : Synthesis & Characterization

Chair: Mehmet YILMAZ

15.20.15.25	MO85	Ertuğrul Gazi SAĞLAM , Özgür TUTSAK, Hakan DAL Synthesis ans Spectroscopic Investigation on Ferrocenyldithiophonato Cd(II) and Hg(II) Complexes
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15.25-15.30	MO86	Mehtap ÖZGÜR (nee YAKUT) , Oğuzhan ALAGÖZ, Mehmet YILMAZ Synthesis of New Furyl-substituted Dihydrofuran Compounds
15.30-15.35	MO87	Sandip V. MULAY , Amgalan NATSAGDORJ, David G. CHURCHILL Coumarin-based Fluorescent Chemosensor for Selective Detection of Phosgene
15.35-15.40	MO88	Zakieh YOUSOFVAND, Maryam HAJJAMI Modified Mesoporous SBA-15/L-Lysine as Heterogeneous Catalyst for Synthesis of 2-Amino-5-alkylidene-thiazol-4-ones
15.40-15.45	MO89	Zahra TAHERİNİA, Arash GHORBANİ-CHOGHAMARANİ One-pot Synthesis of Quinazoline Tetracyclic Derivatives by Novel Ionic Liquid Supported on Magnetic Nanoparticles
15.45-15.50	MO90	Viktor MALYSHEV, Angelina GAB, Marcelle GAUNE-ESCARD, Alla SUSHCHENKO High-Temperature Electrochemical Synthesis of Tungsten Carbide in Ionic Melts: Technologies of Obtaining and Regeneration
15.50-15.55	MO91	Gamze ELMAS , Aytuğ OKUMUŞ, Zeynel KILIÇ Synthesis and Structural Characterizations of 2-Pyridyl-Spiro-Cyclotriphosphazenes
15.55-16.00	BREAK	
Session 17 : Materials Science		
Chair : Gülüzar Duygu SEMİZ		
16.00-16.05	MO92	Nina KUSHCHEVSKA , Victor MALYSHEV, Olena PAPROTSKA Novel Techological Processes for Obtaining Modern Nanomaterials
16.05-16.10	MO93	Viktor MALYSHEV, Angelina GAB , Marcelle GAUNE-ESCARD, Alla SUSHCHENKO Electrodeposition of Molybdenum and Tungsten Carbides Coatings: from Initial Stages of Nucleation to the Continuous Layers Formation
16.10-16.15	MO94	Viktor MALYSHEV, Dmytro SHAKHNİN, Liliia MOLOTOVSKA , Alla SUSHCHENKO Electrochemical Synthesis of Dispersed Powders of Chromium, Molybdenum, and Tungsten Silicides in Halide-Oxide Melts
16.15-16.20	MO95	Nina KUSHCHEVSKA, Victor MALYSHEV, Olena PAPROTSKA , Mustafa Oğuzhan ÇAĞLAYAN, Zafer ÜSTÜNDAĞ Novel Ferromagnetic Nanocomposites for Biomedical Applications
16.20-16.25	MO96	Viktor MALYSHEV, Nataliya USKOVA , Nina KUSHCHEVSKAYA, Alla SUSHCHENKO Molybdenum(Tungsten)-Nickel(Cobalt) Alloys and Intermetallic Compounds: Electrochemical Properties of Melts and Electrodeposition of Coating
16.25-16.30	MO97	Stefan TALU , Mustafa Oğuzhan ÇAĞLAYAN, Merve KÜÇÜKOFLAZ Nanomorphological Properties of Electrospun Vascular Grafts
16.30-16.35	MO98	Munawar Saed QURESHİ, Gamze KUZU, SİRAJUDDİN , Ali Osman SOLAK, Emine KILIÇ, Zafer ÜSTÜNDAĞ 2-Benzo[c]Cinnoline Attached Graphene Oxide Modified Glassy Carbon Electrode for the Voltammetric Determination of Heavy Metals



16.35-16.40	MO99	Munawar Saed Qureshi, <u>Abdull Rahim Mohd YUSOFF</u> , Zafer ÜSTÜNDAĞ Gold nanoparticle size and shape effects on Graphene Oxide Modified Carbonaceous Electrode for the Voltammetric Determination of Dopamine
16.40-16.45	MO100	<u>Uzma HIRA</u> , Falak SHER Microstructural Control of High-Temperature Thermoelectric Perovskite Oxides for Efficient Energy Harvesting
16.45-16.50	MO101	<u>Emil OMURZAK</u> , G. UMETOVA, Ruslan ADİL AKAI TEGİN, SATYVALDİEV, Z. ZHASNAKUNOV, Zhazgul KELGENBAEVA Antibacterial Activity of Cu Nanoparticles Synthesized by the Electrical Discharge in Liquid
16.50-16.55	MO102	<u>Emil OMURZAK</u> , A. BEKPOLOTKYZY, Ruslan ADİL AKAI TEGİN Synthesis of Ag Nanoparticles and Their Antibacterial Applications
16.55-17.00	MO103	<u>Victor MALYSHEV</u> , Mustafa Oğuzhan ÇAĞLAYAN Surface Plasmon Resonance Enhanced Total Internal Reflection Ellipsometric Application for Detection of DNA Concentration
17.00-17.05	MO104	<u>Haseeb ULLAH</u> , Muhammad NAFEEES, Farhat IQBAL, Muhammad Saifullah AWAN, Afzal SHAH, Amir WASEEM Adsorption Kinetics of Malachite Green and Methylene Blue from Aqueous Solutions using Surfactant-modified Organoclays

17.05-17.10 BREAK

Session 18 : Computational & Theoretical Chemistry

Chair : Ertuğrul Gazi SAĞLAM

17.10-17.15	MO105	<u>Celal Tuğrul ZEYREK</u> , Zeliha HAYVALI, Hüseyin ÜNVER, Ayhan ELMALI Crystal Structure Density Functional Modelling and Molecular Docking Studies of Tris[N-(2-furylmethyl)-3-methoxy-salicylidenaminato]cobalt(III)]
17.15-17.20	MO106	<u>Kübra KARAAĞAÇ</u> , Celal Tuğrul ZEYREK, Selen Bilge KOÇAK, Burak ÇOBAN, Ufuk YILDIZ An Experimental and Theoretical Study on the Interaction of DNA with New Trinuclear Boron Complexes
17.20-17.25	MO107	<u>Aliye KÖMEZ</u> , Celal Tuğrul ZEYREK, Selen Bilge KOÇAK, Burak ÇOBAN, Ufuk YILDIZ Experimental and Molecular Docking Investigation on DNA Interaction of Novel Dinuclear Boron Complexes

17.25-17.30 BREAK

Session 19 : Food Chemistry

Chair : Ertuğrul Gazi SAĞLAM



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17.30-17.35	MO108	Aichurok MAZHİTOVA , Asylbek KULMYRZAEV, Zhyldyzai OZBEKOVA Fatty acid profile of mare's milk produced in the mountain and highland of Kyrgyzstan during milking season
17.35-17.40	MO109	Zhyldyzai OZBEKOVA , Asylbek KULMYRZAEV Investigation of Meat and Meat Products by Fluorescence Spectroscopy
17.40-17.45	MO110	Jamila SMANALİEVA , Kunduz KADYROVA, Carsten ESCHENBAUM, Uli LEMMER, Coskan ILİCALI Physicochemical and Rheological Behavior of Kyrgyzstan Honey Varieties
17.45-17.50	MO111	Jamila SMANALİEVA , Zhyldyzai OZBEKOVA, Peggy HEUNEMANN, Asylbek KULMYRZAEV, Coskan ILİCALI Comparative Study of Fatty Acid Profile and Thermal Parameters of Yak (<i>Bos grunniens</i>) and Cow (<i>Bos Taurus</i>) Fats

