

November 05, 2024, Tuesday

08:30 10:00	Registration		Registration Desk
10:00 10:40	<p style="text-align: center;"><b>OPENING CEREMONY</b> Osman Turan Congress Centre Hasan Turan Hall</p>		
	<b>Session 1 - Chair: Prof. Bekir SALİH</b>		<b>Hasan Turan Hall</b>
10:40 11:20	<p><b>Invited Speaker 1 (IS-1)</b> <b>Prof. FABIANA ARDUINI</b> Nanomodified paper-based electrochemical (bio)sensors for smart and sustainable environmental analyses</p>		
11:20 12:00	<p><b>Invited Speaker 2 (IS-2)</b> <b>Prof. IOANNIS KATSOYIANNIS</b> Arsenic contamination of groundwaters and novel approaches for its removal</p>		
12:00 13:00	<b>LUNCH</b>		
	<b>Session 2A</b> Chair: Prof. Mustafa TÜZEN	<b>Hasan Turan Hall</b>	<b>Session 2B</b> Chair: Prof. Ali OLAD
			<b>Fahri Kuran Hall</b>
13:00 13:15	<p><b>ÖZGÜR ARAR (OP-1)</b> Removal of boron and silica from aqueous solutions by electrodeionization</p>		<p><b>ŞEŞKİN FEŞLİYAN (OP-7)</b> Magnetic hydrophobic deep eutectic solvents for orbital shaker-assisted dispersive liquid-liquid microextraction (MAGDES-OS-DLLME)- Determination of nickel and copper in food and water samples by FAAS</p>
13:15 13:30	<p><b>STELLA CHATZIMICHAILIDOU (OP-2)</b> Comparative study of As(V) and As(III) removal from groundwater using rice husk/Fe-oxides composite material</p>		<p><b>MUHAMMAD BALAL ARAIN (OP-8)</b> g-C<sub>3</sub>N<sub>4</sub> hybrid with layered double hydroxide as nanocomposite adsorbent for Cd ions extraction from environmental samples</p>
13:30 13:45	<p><b>MEHMET SEMİH BİNGÖL (OP-3)</b> Removal of erdosteine active substance from wastewater by chitosan/PVA and determination of the remaining erdosteine quantity by a new HPLC method</p>		<p><b>SEFA YILMAZ (OP-9)</b> Multifactorial optimization and application of orbital shaker assisted dispersive magnetic solid phase microextraction method for extraction, preconcentration and determination of silver (I) in various food samples</p>
13:45 14:00	<p><b>PINAR BOZBEYOĞLU (OP-4)</b> Phenol adsorption on corn cobs-activated carbon: Characterization, and kinetic and isotherm modeling</p>		<p><b>YAŞAR KEMAL RECEPOĞLU (OP-10)</b> Synthesis and application of chitosan coated lithium manganese oxide for the extraction of lithium from geothermal brines</p>

14:00 14:15	<b>AYTEN ATEŞ (OP-5)</b> Evaluation of super capacitor performance of biochar samples loaded with manganese oxide from raw tea waste using different methods	<b>YÜCEL KADIOĞLU (OP-11)</b> Determination of Hg, Pb and Cd heavy metals levels in commercial trout in Erzurum province
14:15 14:30	<b>ZEINAB ABO SHANAB (OP-6)</b> Synthesis of novel magnetic chitosan Schiff base ZnO nanocomposite for treatment the aqueous environment from malachite green dye	<b>ZİYARAT PASHAYEVA (OP-12)</b> Enhancing efficiency and sustainability in methacrylic acid ester synthesis using morpholine hydrosulfate ionic liquid catalyst
14:30-14:45	<b>Coffee Break</b>	
	<b>Session 3A</b> Chair: Prof. M.Yakup ARICA	<b>Session 3B</b> Chair: Prof. Ahmet DEMİRAK
	<b>Hasan Turan Hall</b>	<b>Fahri Kuran Hall</b>
14:45 15:00	<b>MARWAN M. BATIHA (OP-13)</b> Using various Jordanian zeolitic tuffs as adsorbents for SO <sub>2</sub> capture	<b>NEŞE KEKLİKCIOĞLU ÇAKMAK (OP-18)</b> Synthesis of Borophene for use in effective adsorption of organic and inorganic pollutants
15:00 15:15	<b>CAGRI SAHIN (OP-14)</b> PAH exposure in a primary school: The impact of a ventilation swsystem and potential sources	<b>NURCAN OZTURK (OP-19)</b> Modelling of COD concentrations in mixed industrial wastewater using artificial neural network optimized with NRBO and CPO algorithms
15:15 15:30	<b>HATİCE ERGİN (OP-15)</b> Source apportionment result of bulk rain samples collected in Bolu	<b>EBRU ÇOKAY (OP-20)</b> The treatment of table olive processing wastewater using the heterogeneous Fenton process
15:30 15:45	<b>ABDULLAH (OP-16)</b> Synthesis of deep eutectic solvent-based chromium imprinted polymer: A new green selective adsorbent for removal of Cr(VI) from an aqueous system	<b>HAJI MUHAMMAD (OP-21)</b> Effective adsorption of Congo Red azo dye from industrial wastewater by using porous Fe <sub>3</sub> O <sub>4</sub> -bentonite@chitosan (Fe <sub>3</sub> O <sub>4</sub> -BT@CS) nanocomposite: A multivariate optimization
15:45 16:00	<b>SONGÜL ULUSOY (OP-17)</b> Sensitive determination of pesticide residues in environmental samples by using a conventional HPLC system after micro-extraction methods	<b>HALİM AYTEKİN ERGÜL (OP-22)</b> Evaluation of the impact of domestic wastewater on Göcek special environmental protected area and suggestions for a sustainable ecosystem
	<b>Session 4 – Chair: Prof. Gülay BAYRAMOĞLU</b>	
	<b>Hasan Turan Hall</b>	
16:00 16:30	<b>Prof. MIGUEL de la GUARDIA (OP-23)</b> Active and passive sampling in environmental analysis	
	<b>OPENING COCKTAIL</b> <b>OSMAN TURAN Congress Centre</b>	

# November 6, 2024, Wednesday

	<b>Session 5 – Chair: Prof. John KURUVILLA</b>		<b>Hasan Turan Hall</b>
<b>09:00</b> <b>09:15</b>	<b>MUSTAFA TÜZEN (OP-24)</b> Microextraction techniques for organic and inorganic species in water, food and environmental samples		
<b>09:15</b> <b>09:30</b>	<b>AYSUN SOFUOGLU (OP-25)</b> Determination concentrations and air/dust partitioning of polycyclic aromatic hydrocarbons derivatives in an urban secondary school		
<b>09:30</b> <b>09:45</b>	<b>ALI OLAD (OP-26)</b> Environmental protection through a new chrome-free combination tanning process in leather industry		
<b>09:45</b> <b>10:00</b>	<b>JELENA MUTIĆ (OP-27)</b> Effect of temperature on antimony leaching from PET and glass bottled water		
<b>10:00-10:20</b>	<b>Coffee Break</b>		
	<b>Session 6 – Chair: Prof. Miguel de la GUARDIA</b>		<b>Hasan Turan Hall</b>
<b>10:20</b> <b>11:00</b>	<b>Invited Speaker 3 (IS-3)</b> <b>Prof. TAKASHI KANETA</b> Paper-based analytical devices for remote and onsite environmental analysis		
<b>11:00</b> <b>11:40</b>	<b>Invited Speaker 4 (IS-4)</b> <b>Prof. JUSTYNA PLOTKA-WASYLKA</b> Trends in the new generation of green solvents in extraction processes		
<b>11:40</b> <b>13:00</b>	<b>LUNCH/POSTER HANGING</b>		
	<b>Session 7A</b> Chair: Prof. Jelena MUTIC	<b>Hasan Turan Hall</b>	<b>Session 7B</b> Chair: Prof. Natasa MILIC
			<b>Fahri Kuran Hall</b>
<b>13:00</b> <b>13:15</b>	<b>ÖZGÜR ARAR (OP-28)</b> Removal of Cu <sup>2+</sup> ions from aqueous solutions by composite layered double hydroxide		<b>FURKAN ÇINAR (OP-32)</b> Evaluating glass and ceramic radioactive waste forms: A study on radionuclide transport and solidification methods

13:15 13:30	<b>ENDER ÇEKİRGE (OP-29)</b> Spectrofluorimetric determination of the toxic food color tartrazine using carbon nanodots obtained from horse chestnut by direct microwave pyrolysis	<b>SERKAN EKER (OP-33)</b> Biodegradation and inhibition kinetics of diuron using adapted and non-adapted mixed microbial cultures
13:30 13:45	<b>MONA NEJATPOUR (OP-30)</b> Improved photocatalytic degradation of per- and polyfluoroalkyl substances (PFAS) utilizing peapod biomass-derived carbon quantum dots (CQDs) doped TiO <sub>2</sub> composites	<b>ZEYNEP CEYLAN (OP-34)</b> <del>Accumulation of 2,4-dichlorophenol in hydroponically cultivated <i>Datura stramonium</i> L. and its effects on antioxidant system</del>
13:45 14:00	<b>ARIF MERMER (OP-31)</b> <del>Microwave assisted one pot synthesis pyran derivatives catalyzed by lipase: an environmentally friendly method</del>	<b>YEŞİM YILMAZ ABEŞKA (OP-35)</b> Is it time to stop marketing antifouling paints without determining release rates of biocides?
	<b>Session 8 – Chair: Prof. Serpil YENİSOY</b> Hasan Turan Hall	
14:00 14:30	<b>SHORT ORAL PRESENTATIONS</b> (SOP 1-SOP 6)	
14:30-14:45	Coffee Break	
	<b>Session 9 – Chair: Prof. Halil İbrahim ULUSOY</b>	
14:45 16:30	<b>POSTER PRESENTATIONS</b> (PP 1 - PP 30)	
16:30 17:00	<b>SHORT PRACTICAL SEMINER</b> Prof. MIGUEL de la GUARDIA Microwave-assisted extraction	Fahri Kuran Hall
18:30	<b>DINNER</b> <b>TRABZON BÜYÜKŞEHİR BELEDİYESİ</b> <b>EYOF RESTAURANT</b>	

# November 7, 2024, Thursday

		<b>Session 10 – Chair: Prof. Sait Cemil SOFUOĞLU</b>		<b>Hasan Turan Hall</b>	
09:00 09:15	<b>PINAR SEVİM ELİBOL (OP-36)</b>				
	Green synthesis of carbon dots from <i>Pyroligneous Tar</i> : A green approach for environmental remediation applications				
09:15 09:30	<b>EROL PEHLİVAN (OP-37)</b>				
	Highly efficient hexavalent chromium removal using nano-Fe <sub>3</sub> O <sub>4</sub> /pomegranate peel biochar/alginate composite as an advanced biosorbent				
09:30 09:45	<b>KURUVILLA JOHN (OP-38)</b>				
	Impact of urban emissions on the atmospheric ozone formation potential: A decadal analysis of north Texas urban areas				
09:45 10:00	<b>SAVAŞ KAYA (OP-39)</b>				
	Chemical Hardness Based Applications in the adsorption of heavy metal ions and radioactive species				
10:00-10:20		<b>Coffee Break</b>			
		<b>Session 11 – Chair: Prof. Münevver SÖKMEN</b>		<b>Hasan Turan Hall</b>	
10:20 11:00	<b>Invited Speaker 5 (IS-5)</b>				
	<b>Prof. İDİL ARSLAN ALATON</b>		The use of "green oxidants" in advanced oxidation processes		
11:00 11:40	<b>Invited Speaker 6 (IS-6)</b>				
	<b>BİRCAN SOYSAL</b>		Combustion of persistent organic pollutants (POPs) in the hazardous waste incineration plant in Izmit		
11:40 13:00		<b>LUNCH/POSTER HANGING</b>			
		<b>Session 12A</b> Chair: Prof. Erol PEHLİVAN	<b>Hasan Turan Hall</b>	<b>Session 12B</b> Chair: Prof. Yücel KADIOĞLU	<b>Fahri Kuran Hall</b>
13:00 13:15	<b>ESRA YEL (OP-40)</b>				
	Catalytic co-pyrolysis of PET/PP plastics and olive pomace biomass with marble sludge catalyst		<b>SLAĐANA ĐURĐIĆ (OP-45)</b>		
				Application of different electrode materials in electrochemical detection of pesticides in food	

13:15 13:30	<b>ŞULE SANCAK (OP-41)</b> Electrocoagulation approach in removing microplastics from water and sediment environment	<b>İREM ÖZTÜRK UFUK (OP-46)</b> Determination of toxic effects of organic pollutants found in mixture with heavy metals in soil on <i>E. Crypticus</i> : Example of Favipiravir, Oseltamivir, Ag, Cr, Cu, Cd, Pb, and Ni
13:30 13:45	<b>PARISA AKBARI DANA (OP-42)</b> What to choose when analyzing airborne micro(nano)plastics: Mass- or particle-based analytical techniques?	<b>SEZEN SIVRIKAYA ÖZAK (OP-47)</b> Green deep eutectic solvent based microextraction procedure for the determination of Malachite Green in face paints
13:45 14:00	<b>HABIS AL-ZOUBI (OP-43)</b> Treatment methods for micro and nano plastics from wastewater	<b>ŞENGÜL TUĞBA ÖZEKEN (OP-48)</b> Adsorptive removal of organic and inorganic pollutants from aqueous solutions by using wormwood ( <i>Artemisia absinthium</i> L.)
14:00 14:15	<b>DANIEL AYOMIKUN AYEJOTO (OP-44)</b> Emerging approaches in mitigating pharmaceutical contaminants in water systems	<b>TUĞRUL ÇAĞRI AKMAN (OP-49)</b> Trace element composition of <i>Verbascum oocarpum</i> Murb., an endemic species of Eastern Anatolia in Türkiye
<b>Session 13 - Chair: Prof. Nigar ALKAN</b> <span style="float: right;"><b>Hasan Turan Hall</b></span>		
14:15 14:45	<b>SHORT ORAL PRESENTATIONS</b> (SOP 7-SOP 11)	
14:45-15:00	<b>Coffee Break</b>	
<b>Session 14 - Chair: Prof. Halim Aytekin ERGÜL</b>		
15:00 16:30	<b>POSTER PRESENTATIONS</b> (PP 31 - PP 59)	
16:30 17:30	<b>CLOSSING SESSION</b> Awards for Poster Presentation & Closing Ceremony	
	<b>GALA DINNER</b> <b>KTU, SAHİL TESİSLERİ</b>	

**November 8, 2024, Friday**

09:00	<b>Social Program</b> <b>SUMELA MONASTERY TOUR</b>
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## SHORT ORAL PRESENTATIONS (SOP)

<b>SOP-1</b>	<b><u>Sahli Leila, Smail Mehennaoui</u></b> Assessing freshwater sediment quality using a multidisciplinary approach: Chemistry, benthic invertebrate community and ecotoxicity tests
<b>SOP-2</b>	<b><u>Serdal Şeker, Duygu Özdeş, Celal Duran</u></b> Separation and preconcentration of heavy metal ions using magnetic (CoFe <sub>2</sub> O <sub>4</sub> ) biochar derived from brewed tea waste: Modeling with artificial neural network
<b>SOP-3</b>	<b><u>Adil Elik, Seçkin Fesliyan, Özlem Ablak, Nail Altunay</u></b> Preparation and investigation of green and cheap deep eutectic solvents for determination of essential and toxic metal ions at trace levels in different coffee products
<b>SOP-4</b>	<b><u>Lidiia Bondareva, Ivan Tananaev</u></b> Technologies for radioecological remediation of contaminated water areas of radioactive and toxic chemical elements by polyurethane foam derived nanostructured sorbent
<b>SOP-5</b>	<b><u>Aslıhan Yılmaz Çamoğlu, Duygu Özdeş, Celal Duran</u></b> Solid phase extraction of Cu(II) ions in environmental samples by Bacillus cereus loaded NiFe <sub>2</sub> O <sub>4</sub> nanoparticles
<b>SOP-6</b>	<b><u>Nurhayat Özbek, Ümmühan Turgut Ocak, Miraç Ocak</u></b> Use of carbon quantum dots obtained from snail shells in Fe <sup>3+</sup> fluorimetric determination in real samples
<b>SOP-7</b>	<b><u>Benabadji Kamel Ismet, Bouras Oussama, Bouras Brahim, Hocine Tayeb, Mahammedi Fatima Zohra, Bellaouedj Khaoul</u></b> Adsorption of chitosan, sodium alginate and gelatin onto sodium bentonite: comparative study
<b>SOP-8</b>	<b><u>Merve Sarıcaoğlu, Ender Çekirge, Hülya Karadeniz, Miraç Ocak, Ümmühan Turgut Ocak</u></b> Green synthesis of fluorescent carbon nanodots obtained from tea seed hulls for highly efficient determination of tin
<b>SOP-9</b>	<b><u>Melek Koc Keşir, Elif Ayazoğlu Demir, Mahmut Deniz Yılmaz</u></b> One dimensional TiO <sub>2</sub> nanorods modified with pyrolysis of nutshell derived carbon nanodots for environmental/biological applications and cytotoxicity effect
<b>SOP-10</b>	<b><u>George Bibileishvili, Manana Mamulashvili, Ia Gogiberidze, Elene Kakabadze, Tinatin Butkhuzi</u></b> Obtaining high-quality, sterile drinking water from natural waters based on membrane nanotechnologies

## SHORT ORAL PRESENTATIONS (SOP)

**SOP-11** **Demet Kızı, Barbaros Dinçer, Havva Akpınar**

Struggle of agricultural pests "*Orosanga japonica*" and "*Halyomorpha halys*" via acetylcholinesterase inhibition



## POSTER PRESENTATIONS (PP)

PP-1	<b>Sevinj Hajiyeva, <u>Elmina Gadirova</u></b> <i>Adsorption of phenol by graphene oxide</i>
PP-2	<b><u>Elmina Gadirova</u>, Sevinj Hajiyeva</b> <i>XRD analysis of graphene oxide</i>
PP-3	<b>Vaqif Maharram Abbasov, <u>Nizami Ibraqim Mursalov</u>, Lala Mahammad Afandiyeva, Nigar Shikar Rzayeva, Rana Ahad Asadova, Najla Dargah Nabiyeva</b> <i>Study of the possibilities of using growth substances for reforestation</i>
PP-4	<b><u>Ayse Gul Cimen</u>, Gulay Bayramoglu, M. Yakup Arica</b> <i>Enhanced photocatalytic degradation of methylene blue and setazole black dyes using carboxymethyl cellulose including zero-valent titanium metal complexes as a photocatalyst</i>
PP-5	<b>Khayala Duzdaban, Nizami Mursalov, <u>Ziyarat Pashayeva</u></b> <i>Study of the anti-corrosive properties of imidazoline and its complexes with fatty acids in acidic medium</i>
PP-6	<b>Sevinj R. Hajiyeva, Esmira J. Eyyubova, Famil M. Chyragov, <u>Fargana S. Aliyeva</u></b> <i>Application of grapefruit peels for adsorption study of Fe(III) ions</i>
PP-7	<b><u>Houari Benamar</u>, Malika Bennaceur</b> <i>Valorization of <i>Pardoglossum cheirifolium</i> (L.) E. Barbier &amp; Mathez. (Boraginaceae) as a source of bioactive molecules within a circular and sustainable bioeconomy</i>
PP-8	<b><u>Halim Avci</u>, Eylem Kina, Metin Açıkyıldız, Muhittin Doğan, Meryem Kuzucu, Cemile Özcan, Bülent Şengörür, Mehmet Yaman</b> <i>Natural remediation of water, soil and sediment environment affected by heavy metals in industrial wastewater discharged into Ergene and Çorlu Rivers in Tekirdağ, Türkiye</i>
PP-9	<b>Ali Gündoğdu, <u>Volkan Numan Bulut</u></b> <i>Interpretation of data via non-linear isotherms in wastewater adsorption studies using Microsoft Excel Solver add-in</i>
PP-10	<b><u>Soichiro Ida</u>, Mika I. Umeda, Takatoshi Fujii, Eiichi Hino, Yusuke Date, Kaoru Aoki, Kaewta Danchana and Takashi Kaneta</b> <i>Development of a simple method for measuring ammonia in environmental water</i>
PP-11	<b><u>Saya Yoshida</u>, Mika I. Umeda, Takatoshi Fujii, Eiichi Hino, Yusuke Date, Kaoru Aoki, Kaewta Danchana, and Takashi Kaneta</b> <i>A facile fabrication method for microfluidic paper-based analytical devices using natural resins</i>

## POSTER PRESENTATIONS (PP)

<b>PP-12</b>	<p><b><u>Sefa Yilmaz, Baki Hazer, Mustafa Tüzen</u></b></p> <p><i>Multiple pesticide determination in water samples with GC-MS/MS using orbital shaker assisted dispersive magnetic solid phase microextraction method optimized with multiple response optimization</i></p>
<b>PP-13</b>	<p><b><u>Ritha Soulimane, Aya Daoudi</u></b></p> <p><i>Elaboration and study of new materials for solar photocatalysis based on transition metal nanoparticles</i></p>
<b>PP-14</b>	<p><b><u>Abbasov Vagif Maharram, Aghamaliyeva Durna Babak, Aghamaliyev Zaur Zabil, Aliyeva Nushaba Musa Mammadova Narmin Marif</u></b></p> <p><i>Study of the antimicrobial properties of hexane-1-aminium oleate complex</i></p>
<b>PP-15</b>	<p><b><u>Hadjira Tayoub, Khouloud Bedoud, Hichem Merabet, Djalel Drici, Brahim Ouajani</u></b></p> <p><i>Implementation of a perturb and observe (P&amp;O) algorithm-based technique for maximum power point tracking (MPPT) in solar photovoltaic systems</i></p>
<b>PP-16</b>	<p><b><u>Benabadji Kamel Ismet, Bouras Oussama, Kheir Noussaiba</u></b></p> <p><i>Adsorptive removal of cationic and anionic dyes using activated bentonite/<math>\kappa</math>-Carrageenan(<math>\kappa</math>-C)/acrylamide composite</i></p>
<b>PP-17</b>	<p><b><u>Merve Sarıcaoğlu, Hülya Karadeniz, Ender Çekirge</u></b></p> <p><i>The effect of laboratory wastes on marine pollution in universities</i></p>
<b>PP-18</b>	<p><b><u>Jovana Drljača Lero, Larisa Đurić, Maja Milanović, Nataša Milošević, Nataša Milić</u></b></p> <p><i>Resorcinol - metabolic disruptive potential</i></p>
<b>PP-19</b>	<p><b><u>Nataša Milić, Jovana Drljača Lero, Maja Milanović, Nataša Milošević, Sanja Vasiljević, Aleksandra Tubić</u></b></p> <p><i>Microplastic as a carrier for 4-methylbenzylidene camphor - harmful low dose effect</i></p>
<b>PP-20</b>	<p><b><u>Ismail Uzunel, Yasemin Caglar, Ece Tugba Saka</u></b></p> <p><i>Non-periferally 2-(4-methoxyphenoxy)ethoxy groups substituted Co(II)phthalocyanine as receptor for selective recognition of Fe<sup>3+</sup> cation</i></p>
<b>PP-21</b>	<p><b><u>Bedriye Topal</u></b></p> <p><i>Development of paper production from waste brewer's spent grains</i></p>
<b>PP-22</b>	<p><b><u>Abidin Gümrüköçlü, Ümmühan Turgut Ocak, Miraç Ocak, Sevgi Kolaylı, Saliha Dinç, İlnur Altın, Serhat Gün</u></b></p> <p><i>Synthesis and analytical characteristics of carbon nano points from hazelnut shell from natural waste products</i></p>

## POSTER PRESENTATIONS (PP)

PP-23	<b><u>Karin Yoshida</u>, Yusuke Date, Mika I. Umeda, Takatoshi Fujii, Eiichi Hino, Kaoru Aoki</b> <i>Preparation and evaluation of boron sensing material composed of chromotropic acid in layered double hydroxide</i>
PP-24	<b><u>F. Zehra Küçükbay</u>, Ç. Büyükkormaz, G. Özek and T. Özek</b> <i>Chemistry of Citrus fortunella fruit and leaf essential oils</i>
PP-25	<b>George Bibileishvili, <u>Mzia Kezherashvili</u>, Manana Mamulashvili</b> <i>Research on formation and phase inversion process of polymer composition of natural water microfiltration membrane</i>
PP-26	<b><u>Lina Ebanoidze</u>, Liana Kuparadze, Nana Gogesashvili, Zaza Javashvili</b> <i>Some aspects of the conformational state of the polymer in the composition and the dependence of the specific performance of the resulting membrane</i>
PP-27	<b>Murat Kılıç, <u>Gülşay Bayramoğlu</u></b> <i>Preparation and characterization of a sustainable magnetic sorbent for removal of plastic particles</i>
PP-28	<b><u>Küçük Abuzer Özçelik</u>, Hasan Küçükbay</b> <i>Microwave-assisted synthesis of indole-amino acid esters</i>
PP-29	<b><u>Fatma Asya Turfan</u>, Neslihan Kılıç, Fatma Yaltrık, Duygu Ozdes, Celal Duran</b> <i>Removal of anionic and cationic dyes from aqueous solutions using drinking water treatment plant sludge (DWTS): Equilibrium and kinetic evaluation</i>
PP-30	<b><u>Ezgi Topcu Gürbüz</u>, Canberk Yüksel</b> <i>The Role of Carnauba wax in paraffin emulsions designed for use in sewing threads</i>
PP-31	<b><del><u>Qualid Baghriche</u>, Manel Boukezzoula, Sihem Nezzar, Sami Rtimi</del></b> <i>Photocatalytic bacterial inactivation in water by biosynthesis TiO<sub>2</sub>-NPs photocatalysts under low-intensity</i>
PP-32	<b><u>Sladana Đurđić</u>, Jelena Mutić, Miloš Ilić, Tamara Mutić, Dragana Stanić-Vučinić, Tanja Ćirković Veličković</b> <i>Microplastic extraction method from children's feces samples</i>
PP-33	<b>Petya Karakashkova, Katerina Zaharieva, Hristo Penchev, <u>Mariya Mitreva</u></b> <i>Comparative catalytic study for ozone decomposition over clinoptilolite composites modified with Ag and copper-manganese oxide</i>

## POSTER PRESENTATIONS (PP)

PP-34	<p><b><u>Mariya Mitreva, Petya Karakashkova, Kristian Ivanov, Miroslav Androv, Vasilena Vlahova, Dimitar Zhilanov, Milena Rachinska, Fidanka Sotirova, Antoaneta Lazarova, Vera Pavlova, Blagoy Uzunov</u></b></p> <p><i>Study of seasonal dynamics of microcystins and nutrients in Iskar dam</i></p>
PP-35	<p><b><u>Nurdan Koçak, Fatma Çoktaş, Selçuk Şimşek-Savaş Kaya</u></b></p> <p><i>Preparation of eco-friendly composite material for Mercury (II) adsorption including non-wood content from walnut green husk (<i>Juglon Regia L.</i>): Experimental and theoretical studies</i></p>
PP-36	<p><b><u>Sana Balal, Selda Topcu Sendogdular, Levent Sendogdular</u></b></p> <p><i>Room temperature gas sensors based on metal oxide nanocomposites: Innovations, mechanisms, and applications</i></p>
PP-37	<p><b><u>Sevilay Dural, Şebnem Camadanlı</u></b></p> <p><i>Synthesis of waterborne polyurethano dispersions: The effect of polyol type on material properties</i></p>
PP-38	<p><b><u>Gözde Duman, Semanur Şen Yuvayapan, Ezgi Topcu Gürbüz, Canberk Yüksel</u></b></p> <p><i>Development of formaldehyde free fixing agents for textile application</i></p>
PP-39	<p><b><u>İsmail Pişkin, Emre Yavuz</u></b></p> <p><i>Investigation of magnetic Bovine Serum Albumin-Iron-Gallic acid nanonetworks on magnetic solid phase extraction of arsenic ions</i></p>
PP-40	<p><b><u>Ömürcañ Öztürk, Şebnem Camadanlı</u></b></p> <p><i>A novel synthesis of hydroxy functional eco-friendly acrylic polymer for waterborne coatings</i></p>
PP-41	<p><b><u>Ufuk Çimen, Şebnem Camadanlı</u></b></p> <p><i>Development of high bio-content photopolymer resins for 3D printing applications</i></p>
PP-42	<p><b><u>Doğan Taşkent, Şahin Gürsel, Fatma Kardiyen, Salih Tuncay, Nilgün Özdural, Mehmet Adil Kaya, Şebnur Mery, Hümeýra Yeter, Esra Deniz Kaplan, Canan Cevahir, Betül ASLAN, Haluk Bostan, Ünal Çatal, Burcu Akat Divrak, Duygu Güçlüer, Mehmet Tanrikolu, Mustafa Çiçek</u></b></p> <p><i>Recovery of ammonium sulphate from the PAP production process</i></p>
PP-43	<p><b><u>Aslıhan Dalmaz, Sezen Sivrikaya Özak</u></b></p> <p><i>Quantification of testosterone hormone in skin serums using magnetic nano bio-adsorbent: A green approach</i></p>

## POSTER PRESENTATIONS (PP)

<b>PP-44</b>	<b><u>Abdullah, Baki Hazer, Mustafa Tuzen</u></b> <i>Synthesis of biodegradable PHB-mPEG@TiO<sub>2</sub> polymeric nanocomposite: A real adsorptive candidate for enhanced removal Safranin-O from water system</i>
<b>PP-45</b>	<b><u>Nigar Alkan, Ali Alkan, Bekir Salih</u></b> <i>Assesment of DEHP and DEP in surface sediment of Southeastern Black Sea</i>
<b>PP-46</b>	<b><u>Haji Muhammad, Mustafa Tuzen</u></b> <i>Tert-butylamine@menthol deep eutectic solvent: A green approach to lead (Pb) extraction in environmental and food samples</i>
<b>PP-47</b>	<b><u>Canan Öztürk, Ezgi Topcu Gürbüz</u></b> <i>Preparation and application of PFCS and APEO free water repellent Chemicals using biobased raw materials</i>
<b>PP-48</b>	<b><u>Piroz Kavak, Aslı Beyler Çiğil, Hatice Birtane</u></b> <i>Preparation of halloysite-containing polymeric coatings and investigation of flame-retardant properties</i>
<b>PP-49</b>	<b><u>Adil Elik, Özlem Ablak, Hameed Ul Haq, Grzegorz Boczkaj, Seçkin Fesliyan, Nail Altunay</u></b> <i>Combination of homogeneous liquid-liquid extraction and vortex assisted dispersive liquid-liquid microextraction for the extraction and analysis of Ochratoxin A in dried fruit samples: Central composite design optimization</i>
<b>PP-50</b>	<b><u>İlknur Altın</u></b> <i>Preparation of flower like Bi<sub>2</sub>WO<sub>6</sub>-ZnO/GO nanocomposite with improved photocatalytic performance under visible light irradiation</i>
<b>PP-51</b>	<b><u>Parwana Koshki, Duygu Yilmaz, İlknur Altın</u></b> <i>Synthesis of calcium oxide modified Ag-SrTiO<sub>3</sub> catalyst from eggshell waste and its application in dye photodegradation</i>
<b>PP-52</b>	<b><u>Sarah Ahmed, Hilal Dağaşar, İlknur Altın</u></b> <i>Synthesis and photocatalytic application of MoS<sub>2</sub>-based nanocomposites for the reduction of hexavalent chromium in water</i>
<b>PP-53</b>	<b><u>İlkay Açıköz Erkaya, Murat Kılıç, Gülay Bayramoğlu</u></b> <i>An effective sorbent preparation by a green approach to remove Reactive Green 19 from aqueous solutions</i>

## POSTER PRESENTATIONS (PP)

<b>PP-54</b>	<b><u>Adil Elik, Seçkin Fesliyan, Nail Altunay</u></b> <i>Optimization of magnetic ionic based dispersive liquid-liquid microextraction of cadmium in water and food samples using experimental design prior to flame atomic absorption spectrophotometry</i>
<b>PP-55</b>	<b><u>Serhad Tilki, Gülay Bayramoğlu</u></b> <i>Preparation of novel magnetic adsorbents by one-step modification method for recovery of uranium (VI) from aqueous medium</i>
<b>PP-56</b>	<b><u>Gönül Serdar, Vildan Serdaroğlu, Melek Koç Keşir</u></b> <i>Green synthesis of gold nanoparticles from Rubus fruticosus L. extract by microwave extraction method</i>
<b>PP-57</b>	<b><u>Zeynep Eren</u></b> <i>Ecotoxicological evaluation of personal care products (PPCPs)</i>
<b>PP-58</b>	<b><u>Zeynep Eren</u></b> <i>Assessing and managing cyanobacterial risks in water-use systems</i>
<b>PP-59</b>	<b><u>Cağla Akkol, İsmail Uzunel, Gizem Genç, Ece Tugba Saka</u></b> <i>Investigation of the performance of Co(II) and Cu(II) phthalocyanine catalysts in the photooxidation reaction of benzyl alcohol: Determination of optimum conditions</i>



The shaded color indicates the papers that **not presented/could not be presented or withdrawn.**