

9:00 - 10:35	Mikis Theodorakis: Room A
Oral Session 1: Biomass Valorization and Advanced Materials for Pollution Control	
Chairs: D. Fatta-Kassinos, I. Katsiyannis	
09:00 - 09:20	KN-1 Biomass Valorization in the Context of Sustainable Engineering and Circular Economy <u>D. Mantravinos</u> <i>University of Patras, Greece</i>
09:20 - 09:35	O-1 Removal of Atmospheric VOC Pollutants (BTEX) by Sustainable Tuna Bone Char Adsorbents <u>B. C. Palla</u> , M.L. Feo, F. Scaleri, M. Frattoni, V. Paolini, E. Guerniero, C. Piccinello <i>Ca' Foscari University of Venice, Italy</i>
09:35 - 09:50	O-2 Tailored Hydrochars for Targeted Removal of Persistent Mobile Organic Compounds in Decentralized Wastewater Reuse Systems <u>S. Chaudhuri</u> , P.B. Schulz, F. Schramm, M. Kraus, L. Röver, A. Georgi, A. Schierz <i>Helmholtz Centre for Environmental Research, Germany</i>
09:50 - 10:05	O-3 Tailoring Surface Functional Groups on Activated Carbons to Enhance Chlorobenzene Adsorption from HCl Effluents <u>T.B.R. Graínia</u> , J.P.S. Sousa <i>International Iberian Nanotechnology Laboratory, Portugal</i>
10:05 - 10:20	O-4 Fully Renewable Diphenolic Acid Synthesis in Batch and Continuous Reactors in the Presence of New Biomass-derived Acid Catalysts and LCA Evaluation <u>C. Antonetti</u> , D. Licursi, B. Bertini, F. Taddeo, A. Sessa, N. Scotti, R. Cucciniello, V. Russo, A.M.R. Galietti <i>University of Pisa, Italy</i>
10:20 - 10:35	O-5 Luminescent Metal Organic Frameworks (MOFs) for Detection and Adsorption of Emerging Pollutants <u>C. Piccinello</u> , G. Provinciali, G. Bicchieri, A.L. Capodilupo, A. Mauri, G. Giambastiani, G. Tuci, S. Galli, A. Rossin <i>Istituto di Nanotecnologia, Italy</i>

10:35 - 11:15 Mikis Theodorakis Exhibition Area: Poster Session A, Sponsors Exhibition, Coffee Break

11:15 - 12:40	Mikis Theodorakis: Room A
Oral Session 3: Effects of Pollutants on Human and Ecosystem Health	
Chairs: J. Schwarzbauer, N. Fiol	
11:15 - 11:35	KN-3 Environmental Chemistry and Epidemiology: Essential Synergy for Studying Vulnerable Populations' Exposure to Endocrine Disruptors and Neurotoxic Chemicals <u>E.G. Stephanou</u> , A. Myridakis <i>University of Crete, Greece</i>
11:35 - 11:50	O-11 Authenticity and Contamination of the Recently Discovered Chinese Scrolls from the Inner Mongolia <u>A.T. Lebedev</u> , D.V. Polyakova, M.S. Kondratieva, Z. Li, V. Artaev, J. Shiel, S. Pugh <i>Shenzhen MSU-BIT University, China</i>
11:50 - 12:05	O-12 Behind the Shell: Biochemical Biomarkers in Mussels Highlight Heavy Metal Pollution in Galician Waters <u>Z. Varela</u> , H. López-Fernández, I.G. Viana, J.A. Fernández <i>University of Santiago de Compostela, Spain</i>
12:05 - 12:20	O-13 Characterizing Urban Atmospheric Volatile Organic Compound Pollution in Kazakhstan: from Monitoring to Health Risk Assessment <u>O.P. Ibratimova</u> , A. Omarova, K. Tursun, D. Sovetova, B. Bukenov, N. Baimatova <i>Al-Farabi Kazakh National University, Kazakhstan</i>
12:20 - 12:40	KN-4 Dynamic Flow-through Bioaccessibility Tests for Exposomics of Plastic-borne Additives <u>M. Miró</u> , A. Sisto, M. Pons, A. Sahragrad <i>University of the Balearic Islands, Spain</i>

12:40 - 12:45: Group Photo
12:45 - 13:50 : Lunch Break
13:20 - 13:50 : LECO presentation (Mikis T. Room B)

13:50 - 14:30 Mikis Theodorakis Exhibition Area: Poster Session B, Sponsors Exhibition, Coffee Break

14:30 - 15:40	Mikis Theodorakis: Room A
Young Researchers Oral Session 1: Advances in Environmental Analysis	
Chairs: P. Trebbio, N. Manoufi	
14:30 - 14:40	YO-1 High-resolution Separation and Sensitive Detection of Mixed Halogenated Dioxins, Furans, and Biphenyls using GC×GC-(HR)TOFMS <u>M. De Poli</u> , A. Rodrigues, S. Panto, G. Scholl, F.A. Franchina, J.-F. Focant <i>University of Ferrara, Italy</i>
14:40 - 14:50	YO-2 From Synthesis to Application: Magnetic β-Cyclodextrin Nanosponges for Fast and Easy Environmental Water Organic Contaminant Extraction <u>N. Felli</u> , I. Francolini, L.M. Migneco, A. Gentili <i>Sapienza University of Rome, Italy</i>
14:50 - 15:00	YO-3 Molecularly Imprinted Polymers Combined with FAPA-MS: A Novel Strategy for Selective Detection of Propylparaben in Environmental Water Samples <u>A. Lusina</u> , M. Ceglowski <i>Adam Mickiewicz University, Poland</i>
15:00 - 15:10	YO-4 Prioritisation of Estrogenic Compounds in Wastewater Effluents: Insights from in vitro Bioassays and Non-Target Analysis <u>M. Salvo</u> , I. Alvarez-Mora, N. Lopez-Herguedas, B. González-Gaya, M. Irazola, N. Ebebarria <i>University of the Basque Country, Spain</i>
15:10 - 15:20	YO-5 Comparative Assessment of Emerging Contaminants in Effluents from Three WWTPs Serving Distinct Demographic Areas <u>A.S. Fernandes</u> , A.R.L. Ribeiro, V. Homem <i>University of Porto, Portugal</i>
15:20 - 15:30	YO-6 MS-SPME-GC/MS Profiling of Soil VOC Emissions in Response to Chemical Treatments in Cypriot Vineyards <u>K. Kalkiti</u> , S. Savvides, L. Philippot, M. Omirou, A. Agapiou <i>University of Cyprus, Cyprus</i>
15:30 - 15:40	YO-7 Identification and Translocation of TNT, RDX, and HMX Degradation Products in Wheat Using LC-MS/MS with ESI and APCI Ionization <u>J. Sowik</u> , L. Ruzik <i>Warsaw University of Technology, Poland</i>

15:40 - 16:20 Mikis Theodorakis Exhibition Area: Poster Session C, Sponsors Exhibition, Coffee Break

16:20 - 17:00	Mikis Theodorakis: Room A
Young Researchers Oral Session 4: Photochemical and Advanced Oxidation Processes	
Chairs: P. Trebbio, N. Manoufi	
16:20 - 16:30	YO-21 Photosensitized Reactions in Atmospheric Water: Model Molecules of Triplet States, Reactivity and Impact on Oxidation Processes <u>M. Brettoniere</u> , M. Sarakha, G. Vovard, C. George, M. Brigante <i>Université Clermont Auvergne, France</i>
16:30 - 16:40	YO-22 Reactive Species-Mediated Phototransformation of Triphenyl Phosphate in Cloud Water <u>Y. Wu</u> , F. Wu, M. Brigante, A. Bianco <i>Université Clermont Auvergne, France</i>
16:40 - 16:50	YO-23 Development of a New Method for Temporal Monitoring of RODs: Understanding their Production Dynamics in AOPs for Water Treatment <u>H. Clermont</u> , Y. Zou, G. Mailhot, M. Sleiman <i>Université Clermont Auvergne, France</i>
16:50 - 17:00	YO-24 A Promising Sustainable Strategy for Water Decontamination Using Immobilized Copper Oxides for the Activation of Sulfite under Visible Light <u>W. Wang</u> , F. Wu, G. Mailhot <i>Wuhan University, China</i>

9:00 - 10:35	Mikis Theodorakis: Room B
Oral Session 2: Plastic Pollution: Emerging Challenges and Solutions	
Chairs: P. Trebbio, A. Gentili	
09:00 - 09:20	KN-2 Nanoplastics: The Hidden Environmental Health Crisis <u>R. Dzingelevičienė</u> , N. Dzingelevičius, S. Abbasi, R. Vaižekauskaitė, A. Vižauskis, A. Bradauskaitė, Z. Jurgelėnė, V. Bradauskienė, J. Andruškienė, Y. Serin, B. Buzewski <i>Klaipeda University, Lithuania</i>
09:20 - 09:35	O-6 Besides Being Both Pollutants and Carriers, do Microplastics from Mulch Films also Affect the Soil Microbiome? <u>M. Ravonni</u> , U. Sumta, J. Merkun, M. Smrečnik, K. Godić Torkar <i>University of Ljubljana, Slovenia</i>
09:35 - 09:50	O-7 Applying Principal Component Analysis (PCA) to the Assessment of the Quality of the Baltic Herring According to Pollution with Microplastics <u>A. Astel</u> , P. Piskula <i>Pomeranian University in Słupsk, Poland</i>
09:50 - 10:05	O-8 Application of Quality by Design in the Optimization of Analytical Protocols for Microplastics Detection in Food <u>L. Stefan</u> , C. Scopetani, S. Santini, C. Sarti, S. Orlandini, T. Martellini, A. Cincinelli <i>University of Florence, Italy</i>
10:05 - 10:20	O-9 Green Analytical Approach for Microplastics in Macroalgae Using μ-Raman Spectroscopy <u>D. Beirão</u> , G.V. Mirón, V.C. Fernandes, R. Vilarinho, J.A. Moreira, C. Delerue-Matos <i>Instituto Politécnico do Porto, Portugal</i>
10:20 - 10:35	O-10 Green Sample Preparation Using Sorbent Materials Derived from Waste Plastics <u>L. Antonelli</u> , M. Bartocci, N. Felli, M. G. De Cesaris, A. Gentili <i>Sapienza University of Rome, Italy</i>

11:15 - 12:40	Mikis Theodorakis: Room B
Oral Session 4: Sensors and Environmental Monitoring	
Chairs: E. Rosenberg, S.A. Ozkan	
11:15 - 11:35	KN-5 The Rise of Molecularly Imprinted Electrochemical Sensors for Environmental <u>S.A. Ozkan</u> <i>Ankara University, Turkey</i>
11:35 - 11:50	O-14 Development of a Portable Mass Spectrometer for Pollution Monitoring in the Mediterranean Sea <u>D. Vučić</u> , B. Brikic <i>BioSense Institute, Serbia</i>
11:50 - 12:05	O-15 Characterization of Smell Events in the City of Vienna by Thermal Desorption Gas Chromatography-Mass Spectrometry and Drone-Based Air Sampling <u>N. Manoufi</u> , F. Wieland, M. Rupprecht, H. Grothe, E. Rosenberg <i>TU Wien, Austria</i>
12:05 - 12:20	O-16 Chemical and Sedimentological Characterization of Caretta caretta Turtle Nesting Beaches in Italy <u>V. Egoramoni</u> , M.T. Berducci, F. Veni, M.C. Magno, G. Pierfranceschi, L. Trigliolo, C. Maggi <i>ISPRA, Italy</i>
12:20 - 12:40	KN-6 Paper-based Electrochemical (Bio)sensors for Sustainable Analyses in the Environmental Sector <u>F. Arduini</u> <i>University of Rome Tor Vergata, Italy</i>

14:30 - 15:30	Mikis Theodorakis: Room B
Young Researchers Oral Session 2: Plastics in the Environment	
Chairs: S. Lacorte, A. Cincinelli	
14:30 - 14:40	YO-8 Metal Sorption on Microplastics in Fluvial and Estuarine Environments: A Case Study from the Basque Country <u>I. Maluaga</u> , M. Gwynne, V. Pellerin, I. Ilkay, J. Jiménez-Lamana, L. Kortazar, S. Reynaud, O. Gómez-Laserna, I.A. Fernández, J.F. Ayala-Cabrera, I.A. Carrero, U. Urbe-Martínez, B. Grassi, A. de Diego <i>University of the Basque Country, Spain</i>
14:40 - 14:50	YO-9 From Filtration to Degradation: How Surface Morphology Alters Micro Nano-Plastic Reactivity in Aqueous Environments <u>A. Hassan</u> , M. Saffioti, L. Carena, D. Vione, D. Fabbri, M. Passananti <i>University of Turin, Italy</i>
14:50 - 15:00	YO-10 Improving On-Site Screening of Microplastics in Urban Runoff with a Portable Fluorescence Imaging System <u>M. Zubomirova</u> , F. Regan, M. Vázquez <i>Dublin City University, Ireland</i>
15:00 - 15:10	YO-11 Pollution with Microplastics in Fish According to Habitat Zones and Feeding Features <u>P. Piskula</u> , A. Astel <i>Pomeranian University in Słupsk, Poland</i>
15:10 - 15:20	YO-12 End-of-Life Management of Silicones Through the Incorporation of Dynamic Sulfur-Sulfur Bonds <u>M. Rokni</u> , E. Leitao <i>The University of Auckland, New Zealand</i>
15:20 - 15:30	YO-13 Untargeted Analysis of Plastics During Aging Using GC×GC-MS <u>I. Kandyioti</u> , E. Pollakis <i>Technical University of Crete, Greece</i>

14:30 - 15:40	Center of Mediterranean Architecture: Room C
Young Researchers Oral Session 3: Water and Wastewater Treatment	
Chairs: L. Ramos, L. Vidal	
14:30 - 14:40	YO-14 Sustainable Arsenic Removal from Groundwater Using a Rice Husk/Fe-Oxide Composite and AOP <u>S. Chatzimichailidou</u> , M. Xanthopoulos, I.A. Katsiyannis <i>Aristotle University of Thessaloniki, Greece</i>
14:40 - 14:50	YO-15 Chromium(VI) Adsorption onto PEI-Modified Silica: Mechanism Insights and Performance Evaluation <u>M. Xanthopoulos</u> , A. Charizani, D. Gkiliopoulos, K.S. Triantafyllidis, M. Kostoglou, I.A. Katsiyannis <i>Aristotle University of Thessaloniki, Greece</i>
14:50 - 15:00	YO-16 Chromium Ions Removal from Water Using Layer-By-Layer Ultrafiltration Membranes <u>N. Malabouci</u> , O. Kotrotsiou, K.V. Plakas, I.A. Katsiyannis <i>Aristotle University of Thessaloniki, Greece</i>
15:00 - 15:10	YO-17 Environmental Reactor: A New Engineered System to Study Natural Degradation of Water Contaminants <u>A. Kravos</u> , O. Bajt, H. Prosen <i>University of Ljubljana, Slovenia</i>
15:10 - 15:20	YO-18 Facile and Green Synthesis of MAF-6-derived carbon@ZIF-8 Core-Shell Particles for Tetracycline Removal from Water Samples <u>D.R. Sáenz-García</u> , G. Turnes Palomino, L.O. Leal Quezada, C. Palomino Cabello <i>Advanced Materials Research Center, Mexico</i>
15:20 - 15:30	YO-19 First Use of NiFe₂O₄/OVA System to Boost the Efficiency of Hypochlorite for Degradation of Sulfonamides <u>A. Madhusudhan</u> , M. Brigante, O. Monfort <i>Comenius University Bratislava, Slovak Republic</i>
15:30 - 15:40	YO-20 Occurrence and Formation Potential of Regulated and Non-regulated Disinfection by-products (DBPs) from Various Drinking Water Treatment Facilities in Ghana <u>I. Osei-Safo</u> , J. Adusei-Gyamfi, D. Azanu, J. Chtquet <i>University of Lille, France</i>

