

**14th IWA Micropol Ecohazard Conference 2026:
Oral Presentation Schedule**



Submitter	Speaker Last Name	Speaker First Name	Title of Presentation	Affiliation	Country
MONDAY JUNE 1					
Plenary presentation - Ballroom East, 11:00-12:00. Chair: Lynda McCarthy					
Krantzberg	Krantzberg	Gail	Great Lakes, Chemical Threats: In Search of Solutions	McMaster University	Canada
AOPs - Fundamental chemistry and reaction mechanisms; Ballroom East, 13:00-15:30. Chair: Stijn Van Hulle					
Asghar	Asghar	Anam	Natural Organic Matter: Promoter Or Inhibitor Of Hydroxyl Radicals In Ozonation?	University of Duisburg Essen	Germany
Liou	Liou	Sin-Yi	PH-Dependent Kinetics And Mechanism Of Urea Degradation In Bromide-catalyzed Ozonation For Ultrapure Water Production	Gwangju Institute of Science & Technology	Korea, Republic of
Zhang	Zhang	Yuliang	Boosting Hydrated Electron Generation From Sulfite And Iodide Via Far-UVC Photolysis For Halogenated Pollutant Degradation	Hong Kong University of Science & Technology	Hong Kong, China
Van Hulle	Van Hulle	Stijn	Optimisation Of Advanced Oxidation/reduction Processes In View Of Micro-pollutant Removal From (waste) Water	Ghent University	Belgium
Wang	Wang	Zhen	Formation And Decay Of Fe(IV) Under Acidic Conditions: Kinetics And Mechanistic Insights Into pH-Dependent Behaviour	Gwangju Institute of Science & Technology	Korea, Republic of
PFAS - Occurrence, transport and environmental risks; Giovanni. 13:00-15:35. Chair: Diana Aga					
Liu	Liu	Meiqi	Assessing Environmental Pathways And Risks Of PFAS To Surface Waters Using A Regionalised Emission Model	TU Wien	Austria
Cantoni	Cantoni	Beatrice	Global PFAS Risk Assessment Under Uncertainty: How Data Gaps And Regulatory Heterogeneity Shape Risk Estimates	Politecnico di Milano	Italy
Adams	Adams	Nathan	The Rise Of PFAS Drinking Water Class Actions In Canada: Insights For Environmental Professionals	Mann Lawyers LLP	Canada
Fast	Fast	Jonathan	Transfer Of Per- And Polyfluoroalkyl Substances From Aquatic Insects To Nearshore Spiders Using The TOP Assay	McMaster University	Canada
Boleydei	Boleydei	Hamid	Tracking PFAS In Wastewater Lagoons And Wetlands Of Nunavik, Canada	Université Laval	Canada
Chow	Chow	Steven	Characterizing The PFAS Precursor Gap In Wastewater Treatment	Eawag	Switzerland

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Aga	Aga	Diana	Closing The Fluorine Mass Balance In Degradation Studies Of PFAS: A Case Study On Pyrolysis Of Biosolids	University at Buffalo	United States
Removals of micropollutants by GAC and by biological treatment; Armoury. 13:00-15:30. Chair: Christa McArdell					
McArdell	McArdell	Christa	Looking Beyond Sorption In GAC Filters	Eawag	Switzerland
Ray	Antolovich	Abigail	Optimized Granular Activated Carbon Reactors For Micropollutant Removal In Potable Reuse Applications	SUEZ	United States
Gangal	Gangal	Advait	Dynamic Plug-Flow Reactor Model For Conversion Of Organic Micropollutants In Biological Activated Carbon Filters	Wageningen University	Netherlands
Antonelli	Piraldi	Sara	Quaternary Treatment Modelling For Efficient Micropollutant Removal In Wastewater	Politecnico di Milano	Italy
Zoumpouli	Zoumpouli	Liana	Mechanisms Of Removal Of 24 Micropollutants In Secondary And Tertiary Wastewater Treatment	University College Dublin	Ireland
Yao	Yao	Dingwen	Removal And Fate Of Quaternary Ammonium Compounds And Pharmaceuticals In Japanese Sewage Treatment Plants	Kanazawa University	Japan
Occurrence & fate of MPs, Leaching of micropollutants from rubber & plastic; Terrace. 13:00-15:35. Chair: Thomas Ternes					
Ternes	Ternes	Thomas	Microplastics In The Rhine River: Determination Of Spatiotemporal Variability And Annual Loads	Federal Institute of Hydrology	Germany
Mosca Angelucci	Mosca Angelucci	Domenica	How Microplastics Capture Pollutants: Investigating Pollutant Uptake Onto Microplastics By A Thermodynamic Approach	National Research Council of Italy	Italy
Nuamah	Nuamah	Francis	Rapid Redistribution And Polymer-specific Stratification Of Microplastics In A Whole-lake Experiment	University of Toronto	Canada
Fries	Fries	Eric	Ones That Get Away: Persistent, Mobile, and Toxic Substances Leaching From New And Environmentally Sampled Plastic Item	Toronto Metropolitan University	Canada
Li	Li	Juan	Migration Of Organic Chemicals From Plastic Pipe Into Drinking Water	University of Toronto	Canada
Süßmuth	Süßmuth	Rebecca	Identification And Release Mechanisms Of Organic Compounds From Rubber Membranes Used For Inflatable Rubber Dams	Federal Institute of Hydrology	Germany

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Romero-Esquivel	Romero-Esquivel	Luis	Chlorothalonil Metabolites In Costa Rican Drinking Water Sources: Occurrence And Adsorption Removal Potential	Instituto Tecnológico de Costa Rica	Costa Rica
AOPs- Ozonation & ozone based: Performance and limitations; Ballroom East. 16:00-17:40 Chair: Domenico Santoro					
Hübner	Hübner	Uwe	Ozonation Of Tertiary Effluents For Potable Reuse -- Advantages And Limitations Of Hydrogen Peroxide Addition	Xylem Water Solutions	Germany
Tuerk	Tuerk	Jochen	Bromate Mitigation Strategies For Safe Ozonation In Advanced Wastewater Treatment	Ruhrverband and Emscherogenossenschaft/Lippeverband	Germany
Gomes	Gomes	Ana	NETmix-enhanced Ozonation For Micropollutant Removal In WWTP Sidestreams	LSRE-LCM, University of Porto	Portugal
Bopp	Bopp	Charlotte	Ozone And AOP For Treatment Of Active Pharmaceutical Ingredients (APIs)	Veolia Water Tech	Switzerland
Zúñiga-Benítez	Zúñiga-Benítez	Henry	Ozone-based Removal Of Ciprofloxacin, Trimethoprim, And Amoxicillin From Raw Hospital Wastewater	University of Antioquia	Colombia
Santoro	Santoro	Domenico	Destructive Micropollutant Removal Via High-Efficiency Ozonation And Reactive Biofiltration	Western University	Canada
PFAS - Occurrence, transport & environ. risks; Advances in removals by sorption & sequestration; Giovanni. 16:00-17:35 Chair: Birte Raes					
Abd-ur-Rehman	Abd-ur-Rehman	Hafiz	Analyzing Extractable Organic Fluorine In Biosolids And Compost By Combustion Ion Chromatography: Understanding The Burden	University of Waterloo	Canada
Widhiastuti	Widhiastuti	Fitri	Selectivity Performance Of An Electrochemical Molecularly Imprinted Polymer Sensor For Detecting PFOA In Aqueous Matrices	University of South Wales	Australia
Soodan	Soodan	Akhilesh	Unravelling DOM--PFAS Competitive Mechanisms In Cyclodextrin Polymer Adsorption	Delft University of Technology	Netherlands
Kalebaila	Kalebaila	Nonhlanhla	PFAS Removal And Effect-based Toxicity Screening In Water Treatment Plants -- Case Studies From South Africa	Water Research Commission	South Africa

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Removals of micropollutants by biological treatment (continue); Armoury. 16:00-17:40. Chair: Max Zimmermann					
Rizzato	Rizzato	Matteo	Hybrid MBBR As Viable Retrofit For WWTPs: Biofilm Development And Enhanced Diclofenac Removal Without Pre-Colonization	Univ. Applied Sciences & Arts NW Switzerland	Switzerland
Yoon	Yoon	Soyeong	Removal Of Microplastics And Plasticsphere Using Chitosan/polyvinyl Alcohol@zeolitic Imidazolate Framework-8 Nanofibrous	Kangwon National University	Korea, Republic of
Ratpukdi	Ratpukdi	Sumana	Role Of Biochar In 4-Chloroaniline Removal Kinetics Via Coupled Microbial Degradation And Adsorption	Khon Kaen University	Thailand
Narayanappa Saraswathi	Narayanappa Saraswathi	Keerthi	Assessing Influence Of Hydraulic Retention Time On Benzotriazole Biodegradation In Nitrifying Packed-bed Biofilm Reactor	Indian Institute of Science	India
Analysis of microplastics; Terrace. 16:00-17:40. Chair: Yanan Li					
Glienke	Glienke	Judith	Beyond Open Sieves: Evaluating ASTM And In-Line Methods For Microplastic Sampling In Source And Treated Drinking Waters	University of Toronto Scarborough	Canada
Chen	Chen	Wanzhen	Quantification Of Chemical Additives Present In Drinking Water Microplastics	University of Toronto	Canada
Eriylmaz Soydan	Eriylmaz Soydan	Sevda	Challenges In Quantifying Microplastics: The Impact Of Polymer Interactions On TGA-GC/MS Accuracy	Delft University of Technology	Netherlands
Eriylmaz Soydan	Eriylmaz Soydan	Sevda	Does Environmental Weathering Alter The TGA-GC/MS Fingerprints Of Microplastics?	Delft University of Technology	Netherlands
Suehring	Li	Yanan	Opportunities For Source Identification Of Microplastics Using Non-targeted Chemical Fingerprinting	Toronto Metropolitan University	Canada

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TUESDAY JUNE 2					
AOPs - UV-based and hybrid oxidation systems; Ballroom East. 9:00-10:40. Chair: Gen-Shuh Wang					
Heuzard	Heuzard	Arnaud	Degradation Of Organic Micropollutants By The UV/Peracetic Acid Process: Influence Of Wastewater Matrix Components	The Hong Kong University of Science & Technology	Hong Kong, China
Murata	Murata	Alex Yuichiro	Molecular-level Characterisation Of Impacts Of DOM On Degradation Of Pesticides By UV/chlorine And Chlorination	University of Poitiers	France
Verdieu	Verdieu	Pierre Th' Madiou	Evaluation Of The Performance Of A Microwave Cold Plasma Process For The Degradation Of Organic Micropollutants	Laboratoire E2Lim	France
Fatta-Kassinos	Fatta-Kassinos	Despo	UV-induced Antibiotic Transformations In Wastewater: Combined Suspect Screening And Antibiotic Susceptibility Assessment	University of Cyprus	Cyprus
Wang	Wang	Gen-Shuh	UV/PAA Process For The Removal Of PPCPs In Wastewater	National Taiwan University	Chinese Taipei
PFAS - Advances in removals by sorption and sequestration (continued); Giovanni. 9:00-10:40. Chair: Jiangyong Hu					
Ray	Antolovich	Abigail	Multicriteria Comparison Of Three Technologies For The Treatment Of 42 PFAS in Drinking Water	SUEZ	United States
Deinhammer	Deinhammer	Kilian	PFAS Removal From Riverbank Filtrate: Performance Of Pre-Loaded Granular Activated Carbon Under Peak Loading	TU Wien	Austria
Bui	Bui	Thinh	Developing Machine Learning Models For Predicting PFAS Adsorption On Colloidal Activated Carbon	University of Waterloo	Canada
Fundneider	Reid	Terry	Micro-Adsorbents For Micropollutant And PFAS Removal: Production And Application Of Carbon And Non-Carbon Sorbents	Aqua-Aerobic System, Inc.	United States
Hu	Chen	Yelong	Enhanced Adsorption Of PFAS By Metal-Impregnated Granular Activated Carbon: Kinetic Evaluation And Metal Loading Effect	National University of Singapore	Singapore

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Removals of micropollutants a by filtration and capture; Armoury. 9:00-10:40. Chair: Jochen Tuerk					
Rodriguez	Rodriguez	Claudia	Integrating A Bioreactor With Nanofiltration, For Wastewater Treatment Reduces The Micropollutant Mass Into Environment	Wageningen University	Netherlands
Loreggian	Loreggian	Luca	Micro-Adsorbents And Pile Cloth Media Filtration For Removing Micropollutants In Small Wastewater Treatment Plants	Univ. Applied Sciences & Arts NW Switzerland	Switzerland
Kim	Kim	Taehwan	Selective Ammonium Capture And Recovery Using A 3D-printed PLA Scaffold Coated With Cobalt Hexacyanoferrate	Seoul National University of Science & Technol.	Korea, Republic of
Gouineau	Gouineau	Farah	Comparative Study Of Adsorption On Activated Carbons And Membrane Retention For Micropollutant Removal	Franciliane -Veolia	France
Antonelli	Antonelli	Manuela	Full-scale Monitoring Of Micropollutant Removal In Conventional WWTPs In Italy: Baseline For Quaternary Treatment Design	Politecnico di Milano	Italy
Occurrence & fate of micropollutants in water; Terrace. 9:00-10:40. Chair: Viviane Yargeau					
Hossain	Hossain	Shaihk	Occurrence And Removal Of Pharmaceutical Micropollutants From Coastal Aquifers In Southern Bangladesh	Smart Water Treatment Technologies	Bangladesh
Nederend	Nederend	Merel	Organic Micropollutant Biodegradation Capacity Of Dutch Drinking Water Aquifers	Wageningen University	Netherlands
Pruss	Pruss	Agata Magdalena	Preparedness For Pharmaceutical Residues In Groundwater: A Compound-Based Systematic Review Of Drinking Water Treatment	Technical University of Denmark	Denmark
Quiton Tapia	Quiton-Tapia	Silvana Ines	DOC Quality Controls Micropollutant Biodegradation And Persistence In Groundwater	Wageningen University	Netherlands
Wang	Wang	Hongyu	Pretreatment Of Municipal Wastewater To Optimize Water Purification During Managed Aquifer Recharge	University of Poitiers	France

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Plenary presentation - Ballroom East, 11:00-12:00. Chair: Viviane Yargeau					
Rennie	Rennie	Michael	Whole-lake Experiments Best Inform Environmental Policy	Lakehead University	Canada
AOPs- UV-based & hybrid oxidation systems; Photocatalysis, solar & advanced materials; Ballroom East. 13:00-15:20 Chair: Wen-Wei Li					
Li	Li	Wen-Wei	Photocatalysis-aided In Situ Elimination Of Water Disinfection Byproducts In The UV/Chlorine Process	University of Science and Technology of China	China
Manjarrés-López	Manjarrés-López	Diana	DOM-mediated Photosensitized Activation Of PFA For Disinfection And Micropollutant Abatement In Domestic Wastewater	University of Montpellier	France
Gomes	Gomes	Ana	UV-driven AOPs For Micropollutant Removal In Continuous-flow Urban Wastewater Treatment Using A FluHelik Photoreactor	University of Porto, LSRE-LCM	Portugal
Wang	Xin	Xiaying	Advanced Water Remediation Via Via Single Atom Catalysis: From PFAS Defluorination To Algal Bloom Mitigation	Queen's University	Canada
Doong	Doong	Ruey-An	Direct Z-scheme Core-shell Bi ₂ MoO ₆ @MIL-101(Fe) For The Enhanced Visible-light-driven Photodegradation Of Ketoprofen	National Tsing Hua University	Chinese Taipei
Sowik	Sowik	Paulina	Enhancement Of Antibiotics Photodegradation In A CPC-type Reactor Via Sulfate Radicals' Generation	Silesian University of Technology	Poland
Wang	Wang	Pei-Ru	The Efficiency Evaluation Of Solar-Driven Peroxydisulfate Oxidation For Removing Antibiotics In Water	National Taiwan University	Chinese Taipei
PFAS - Advances in removals by sorption & sequestration (continued); Giovanni. 13:00-15:20. Chair: Christa McArdell					
Au	Au	Hong Ting	Reverse Adsorption: Unravelling PFAS Desorption Behaviour By Electro-regeneration Of Mesoporous And Microporous Granular Carbon	Wetsus	Netherlands
Pranic	Pranic	Marko	Which Natural Organic Matter Components Limit PFAS Removal By Activated Carbon?	Wageningen University	Netherlands
Bunditboondee	Bunditboondee	Chotikoon	Water Treatment Sludge-derived Biochar For The Removal Of Short-chain PFOA In Water	Chulalongkorn University	Thailand

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Jaberi	Jaberi	Sonia	Removal Of PFAS Using Nanofiltration, Granular Activated Carbon, And Emerging Adsorbents	Walkerton Clean Water Centre	Canada
Hartmann	Hartmann	Alicia C.	Pilot-Scale Removal And Migration Of PFAS And Other Micropollutants By Surface Modified Clay And Anion Exchange Resin	Federal Institute of Hydrology	Germany
Farimaniraad	Farimaniraad	Hamidreza	Performance Of Microgranular Activated Carbon Fluidized Bed Reactors For PFAS Removal From Drinking Water: Comparison	Polytechnique Montreal	Canada
Arab	Arab	Maliheh	Comparative Evaluation Of Carbon-based Sorbent Treatments For PFAS And PPCPs Immobilisation In Biosolids	University of Adelaide	Australia
Removals of micropollutants by filtration & capture; Disinfection biproducts; Armoury. 13:00-15:20. Chair: Susan Andrews					
Ringhof	Ringhof	Fabio	Co-dosing Precipitants And PAC: Effects On Micropollutant Removal In The Biological Stage	Institute of Environmental Engineering, Aachen Univ.	Germany
Chaudhuri	Chaudhuri	Sampriti	Optimising Wet-waste Derived Activated Carbons For The Removal Of Persistent And Mobile Organic Compounds In Wastewater	Helmholtz Centre for Environmental Research	Germany
Mohammadi	Mohammadi	Amir Saeid	Towards Understanding The Removal Of Pharmaceuticals By Powdered Activated Carbon-Modified Aerobic Granular Sludge	Chalmers University of Technology	Sweden
Chuang	Chuang	Yi-Hsueh	Enhanced Nitrosamine Formation In Pre-chlorination With Post-amination Schemes	National Yang Ming Chiao Tung University	Chinese Taipei
Lin	Lin	Hui-Hsiang	Solar-activated Peracetic Acid For Micropollutant Removal And Disinfection Byproduct Control In Outdoor Swimming Pools	Kaohsiung Medical University	Chinese Taipei

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Navarro Ramos	Navarro Ramos	Jonathan	Uncovering Disinfection Byproducts Of Phenylene(di)amine Analogs Using Ion Mobility-High Resolution Mass Spectrometry	University at Buffalo	United States
Li	Li	Yi	Beyond Simple Adsorption: How Microplastics Interact With Disinfection Byproducts In Drinking Water	University of Toronto	Canada
Transport of micropollutants between terrestrial & aquatic environments; Terrace. 13:00-15:20. Chair: Despo Fatta-Kassinos					
Raes	Raes	Birte	Fate Of Micropollutants In Agricultural Water Reuse: Insights From LIFE ACLIMA Greenhouse And Soil Cultivation Trials	Aquafin NV	Belgium
Cantoni	Bastante	Beatrice	Plastic Irrigation Pipes As Source Of Emerging Contaminants: Influence Of Material, Water Matrix And Rising Temperature	Politecnico di Milano	Italy
Heyde	Heyde	Benjamin	Fate And Mobilization Of Micropollutants During Transition From Untreated To Treated Wastewater Irrigation Of Soils	Ruhr University Bochum	Germany
Soedarso	Soedarso	Jill	Generalized Understanding Of Mobility Of (ionizable) Organic Micropollutants In Soil From Experimental Data	Wageningen University	Netherlands
Beral	Beral	Henry	Plant Influence On Micropollutant Fate In Vertical-Flow Wetland Systems	University of Luxembourg	Luxembourg
Yah	Yah	Reiner	Systematic Evaluation Of Charge State Effects On Soil-organic Carbon Partition Coefficients Of Plant Protection Products	Wageningen University	Netherlands
Hawabhay	Hawabhay	Rheina	Tire-derived Contaminants Of Emerging Concern In Quebec	McGill University	Canada
Fatta-Kassinos	Fatta-Kassinos	Despo	Micropollutant Dynamics In Reclaimed Water: Storage-driven Transformations And Soil--plant--leachate Fate	University of Cyprus	Cyprus
AOPs - Photocatalysis, solar & advanced materials (continued); Ballroom East. 16:00-17:20. Chair: Abigail Antolovich					
Marny	Marny	Magdalena	Photocatalytic Removal Of Ciprofloxacin In Municipal Wastewater Effluent Using TiO ₂ -ZnO Composites	Silesian University of Technology	Poland
Park	Park	Yuri	Emerging MXene-based Composite Catalysts For Effective PMS Activation In Water Treatment	Seoul National University of Science and Technology	Korea, Republic of

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Zheng	Zheng	Fangyuan	Assessment Of Photocatalysts For Chloroquine Phosphate Photodegradation In Real Water Matrices	University of Minho	Portugal
Mrosła	Mrosła	Katharina	Micropollutant Removal And Ecotoxicological Safety: Re-evaluating Ozonation--GAC Concepts Under The New EU Directive	Institute of Environmental Engineering, Aachen Univ.	Germany
Raes	Raes	Birte	Advancing Micropollutant Removal In Urban Wastewater Treatment: Performance Of Quaternary Treatment	Aquafin NV	Belgium
Occurrence and fate of micropollutants in water (contined); Giovanni. 16:00-17:20. Chair: Jan Hofman					
Jamal	Jamal	Sondus	Investigating The Enantiospecific Behaviour Of Chiral Antidepressants In Wastewater And Surface Water	University of Waterloo	Canada
Terán-Velásquez	Terán-Velásquez	Geovanni	Model-based Risk Implication Of Short-term Wastewater Overflows On Pharmaceutical Levels In A River During Storm Events	TU Dresden	Germany
Wilk	Wilk	Joanna	Distribution Of Micropollutants Listed In The Revised Urban Wastewater Treatment Directive In Liquid And Solid Matrices	Silesian University of Technology	Poland
Zaman	Zaman	Samina	Occurrence And Source Identification Of Quaternary Ammonium Compounds In Surface Waters Receiving Industrial Effluents	Kanazawa University	Japan
Tuerk	Tuerk	Jochen	Impacts Of The Revised European Environmental Quality Standard Directive On The River Basins Of Ruhr, Emscher And Lippe	Ruhrverband and Emschergenossenschaft/Lippeverband	Germany
Disinfection byproducts (continued); Armoury. 16:00-17:20. Chair: Paulo Roccaro					
Ore	Ore	Alessia	Redox-specific Micropollutant Biodegradation And Transformation Products Formation	Wageningen University	Netherlands
Deherikar	Deherikar	Prashant Kiran	Impact Of Iron Oxides On Dichloroacetonitrile Formation From Nitrogenous Precursors In Drinking Water Distribution System	University at Buffalo	United States
Cantoni	Bastante	Beatrice	Does Drinking Water Chlorination Have An Impact On Estrogenic Risk Of Bisphenols?	Politecnico di Milano	Italy

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Ratpukdi	Ratpukdi	Thunyalux	Effect Of Pre-oxidation Of <i>Cylindrospermopsis Raciborskii</i> By VUV/PS On Algal Organic Matter And DBP Formation	Khon Kaen University	Thailand
Roccaro	Roccaro	Paolo	Simultaneous Control Of Microbial Inactivation And Disinfection By-products Formation Using Differential Absorbance Measurements	University of Catania	Italy

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WEDNESDAY JUNE 3					
AOPs - Process control, modeling & digitization; Ballroom East. 9:00-10:40. Chair: Chris Metcalfe					
Kwon	Kwon	Minhwan	The Role Of A Mechanistic Kinetic Model In The Design And Control Of Full-Scale UV/AOP Systems	Trojan Technologies	Canada
Santos	Santos	Carla	Integrating CFD And Experimental Analysis To Optimize Tubular Membrane Photoreactors For Advanced Oxidation Of Micropollutants	University of Porto, Faculty of Engineering	Portugal
Roccaro	Roccaro	Paolo	Organic Micropollutants Removal By Quaternary Treatments Controlled By Optical Sensors	University of Catania	Italy
Roccaro	Roccaro	Paolo	Real-time Control Of The Removal Of Organic Micropollutants By O3-advanced Oxidation Processes In Diverse Wastewaters	University of Catania	Italy
PFAS - Emerging destructive and transformative technologies; Giovanni. 9:00-10:40. Chair Jeong-Ann Park					
Shaker	Shaker	Omar	Impact Of Electrocoagulation Operating Modes On PFAS Removal Efficiency And Phase Partitioning	Western University	Canada
Sargi	Sargi	Daniella	Combined Electrochemical And Ozonation Treatment Of PFAS	McGill University	Canada
Khorshidi Nazloo	Khorshidi Nazloo	Ehsan	Steady-State Closed-Loop Membrane--VUV System Integrating Separation And Destruction For Trace Organic And PFAS Control	Western University	Canada
Liu	Liu	Yu-Jung	Synergistic Flocculation And Bubble-capture Of PFAS In Electrocoagulation-flotation System	Taipei Medical University	Chinese Taipei
Monitoring and analyzing micropollutants; Armoury. 9:00-10:40. Chair: Thomas Ternes					
Weber	Weber	Nikolaus	The Importance Of Eventflow Sampling For River Load Estimation Of Trace Contaminants	TU Wien	Austria
Konthur	Konthur	Zoltán	Applying An Enzyme-Linked-Immunosorbent-Assay To Monitor The Efficiency Of Clarithromycin Removal In Wastewater	Federal Institute for Materials Research and Testing	Germany

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Torboli	Torboli	Alessia	Assessing The Removal Of Antimicrobial Resistance Genes As Markers Of Antimicrobial Pressure In A Full-scale MBR Plant	University of Trento	Italy
Sun	Sun	Qian	Time-weighted Average Concentration In Continuous Monitoring Of PPCPs: From Osmotic Pump To Nanofiltration Osmotic Pump	State Key Lab of Advanced Environ. Technology	China
Weisz	Weisz	Liad	Non-target Wastewater Monitoring In An Industrial Cluster And Its Downstream Municipal Wastewater Treatment Plant	TU Wien	Austria
Comparisons between treatment technologies; Terrace. 9:00-10:20. Chair: Paola Verlicchi					
Zimmermann	Zimmermann	Max	Carbon Footprint Of Quaternary Treatment Stages: A Study Based Upon 15 Years Of Micropollutant Removal In A German State	RWTH Aachen University	Germany
Schneider	Schneider	Rudolf J.	Indicators For Micropollutant Removal Efficiency In Wastewater Treatment Plants -- A European Perspective	Federal Institute for Materials Research and Testing	Germany
Milhau	Milhau	Coline	Comparing Removals Of 300+ CECs In 33 Water Resource Recovery Facilities Using Different Technologies	Laval University	Canada
Verlicchi	Verlicchi	Paola	Reliability And Micropollutant Removal Of Quaternary Treatments In The Context Of The Revised European Directive (UWWTD)	University of Ferrara	Italy
Plenary presentation - Ballroom East, 11:00-12:00. Chair: Chris Metcalfe					
Ferguson	Ferguson	P. Lee	Persistent, mobile, and toxic: Tracing novel sources of PFAS to the environment through chemical and geographic space	Duke University	United States
AOPs - Transformation products; non-target screening; toxicology; integrated, hybrid & biological treatment; Ballroom East 13:00-15:20. Chair: Wayne Parker					
Nasr Esfahani	Nasr Esfahani	Kourosh	Comprehensive Non-target Screening Of Ozonation-derived Transformation Products In Full/scale Municipal Treatment Train	Western University	Canada

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Fritz	Fritz	Isabell	Biodegradation Of 14C-labeled Micropollutants And Their Transformation Products In Ozonated Wastewater	Lund University	Sweden
Sakakibara	Sakakibara	Yutaka	A Biological Fenton Process For Simultaneous Removals Of Micropollutants And Conventional Pollutants	Waseda University	Japan
Roussel	Roussel	Jimmy	HIPPOCRATES: A Holistic Approach Towards Onsite Hospital Wastewater Treatment -- Luxembourg Pilot	Luxembourg Institute of Science and Technology	Luxembourg
Santos	Santos	Carla	Pilot-Scale Integration Of MBR And Ozonation For Advanced Removal Of Organic Micropollutants In Reclaimed Wastewater	University of Porto	Portugal
Asserghine	Asserghine	Amine	Fenton-pyrite For Biodegradability Enhancement Of Landfill Leachate At Low H2O2 Dose: Key Role Of Ball Milling	Mohammed V University of Rabat	Morocco
PFAS - Emerging destructive and transformative technologies (continued); Giovanni. 13:00-15:30. Chair: Yunho Lee					
Jeong	Jeong	Seongeom	Hybrid Micellization - Coagulation - Membrane Treatment For Robust Removal Of PFAS From Wastewater	Pusan National University	Korea, Republic of
Antonelli	Cantoni	Beatrice	Ozonation-Activated Carbon Treatment Of Textile And Municipal Wastewaters: Impacts On PFAS Adsorption And Transformation	Politecnico di Milano	Italy
Huacalco Aguilar	Huacalco Aguilar	Ysabel	Degradation And Defluorination Of Aqueous Perfluorooctanesulfonate By Hydrodynamic Cavitation Treatment	Helmholtz-Zentrum Dresden-Rossendorf	Germany
Valipoor	Weisz	Liad	Electrochemical Oxidation Using Boron-doped Diamond Electrode As An Effective Removal Technology For Short-chain PFAS	TU Wien	Austria
Türkeli	Türkeli	Ülkü Dide	Enhancing Contaminant Removal In Soil Washing: Application Of Ultrasonication To Disrupt PFAS Mediated SOM Attachment	Politecnico di Milano	Italy

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Oral Presentation Schedule**



Submitter	Speaker Last Name	Speaker First Name	Title of Presentation	Affiliation	Country
Instrumental methods for analysis of micropollutants; Armoury. 13:00-15:30. Chair: Patrick Bauerlein					
Bauerlein	Bauerlein	Patrick	Keep It Simple: When HPLC-DAD Gets The Job Done	KWR Water Research	Netherlands
Kim	Kim	Hyun-ju	Optimized Analysis Method For Monitoring Of The Unregulated Micropollutants In Nakdong River Basin	Gwangju Institute of Science and Technology	Korea, Republic of
Nanusha	Nanusha	Mulatu	Combining Nontarget Analytical Techniques And In Vitro Testing To Uncover Micropollutants In Drinking Water	Technical University of Denmark	Denmark
Sutton	Sutton	Nora	Using Target And Non-target Analysis To Follow Organic Micropollutant Transport, Transformation And Removal During MAR	Wageningen University	Netherlands
Wei	Wei	Chun-Yen	HRMS Screening Of Micropollutants In The Municipal Wastewater Effluents And The Irrigated Soil	National Taiwan University	Chinese Taipei
De Oliveira	De Oliveira	Ericka	In-Situ Calibration Of Passive Samplers For Monitoring Persistent, Mobile, And Toxic Plastic Additives In Wastewater	Toronto Metropolitan University	Canada
Nguyen	Son	Taekeun	Uncovering Nitro Compounds In Water: Photolysis-based Analytical Methods, Insights Into Their Formation During Ozonation	Gwangju Institute of Science and Technology	Korea, Republic of
Ecological and human health effects of micropollutants; Terrace. 13:00-15:30. Chair: Lynda McCarthy					
Im	Im	Hyungjoon	Antagonistic Interactions Of Telmisartan And Microcystis Aeruginosa On Life-History Traits Of Daphnia Magna	Pusan National University	Korea, Republic of
Lecarpentier	Lecarpentier	Caroline	Chemical Risk Evaluation On Drinking Water Treatment Plants	Franciliane - Veolia	France
Bernier-Turpin	Bernier-Turpin	Gauthier	Two Years Of Wastewater-Based Epidemiology In Paris: From Consumption Estimates To Public Health Indicators	Ecole Pratique des Hautes Etudes	France
Yang	Yang	Chien-Hui	Mixture Toxicity Of Drinking-Water Micropollutants: Cytotoxic Effects Of THMs And PFAS	National Taiwan University	Chinese Taipei
Delanka Pedige	Delanka Pedige	Himali	Unraveling The Response Of Extremophilic Algae To Microplastics: Implications For Remediation And Biofuel Production	Southern Illinois University Carbondale	United States

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Ubomba-Jaswa	Ubomba-Jaswa	Eunice	From Research To Risk:Environmental & Health Impacts Of Antiretroviral Micropollutants In South African Water (2015--2025)	Water Research Commission	South Africa