

Talk Format	1st Speaker (or corresponding Author)	Title	Paper id	Group	Session	Chairperson
Poster Talk	Calleja-Setién Estibaliz	The western Mediterranean Sea under study: GES or non-GES regarding floating microplastics	558525	1	Poster	Xavier Cousin
Poster Talk	Chiacchio Lorenzo	Microplastics ingestion by deep-sea decapod crustaceans from the Western Mediterranean	558597	1	Poster	
Poster Talk	Ciaralli Laura	Comparing microplastic ingestion in two commercial crustacean species, <i>Aristaeomorpha foliacea</i> and <i>Parapenaeus longirostris</i> : a sympatric case study from Western Mediterranean Sea	559593	1	Poster	
Poster Talk	Hernandez Estomba Sara Liqi	BEACHED MICROPLASTICS IN BARCELONAS SHORELINES	559597	1	Poster	
Poster Talk	Licari Laetitia	MICROPLASTIC ACCUMULATION IN THE BAY OF MARSEILLE (GULF OF LION, FRANCE): DIAGNOSTIC FROM THE SEDIMENT COMPARTMENT	559727	1	Poster	
Poster Talk	Moschino Vanessa	Identification of beach litter distributions and potential sources along the Italian coasts	559356	1	Poster	
Poster Talk	Paluselli Andrea	Mediterranean Intermediate and Deep waters as reservoirs and carriers of small Microfibers	558877	1	Poster	
Poster Talk	Rodríguez-Romeu Oriol	Monitoring plastics in the Mediterranean Sea with an emerging commercial species, the deep-water rose shrimp ( <i>Parapenaeus longirostris</i> ).	558825	1	Poster	
Poster Talk	Saccardi Laura	Exploring transfer of microplastics in the trophic chain: a prey-predator interaction case in the Strait of Messina	559683	1	Poster	
Poster Talk	Sánchez-García Natalia	Identifying macrofloating debris hotspots in the Mediterranean Sea applying combined methodologies: aerial and vessels	559362	1	Poster	
Room Talk	Angiolillo Michela	From shallow to deep water: A large-scale assessment of seafloor marine litter in the Italian waters by ROV-imaging	559381	1	23.5.Ma	
Room Talk	Baini Matteo	From hydrozoa to whales: A cross-taxon analysis to assess differential exposure to macro and micro marine debris in Mediterranean biodiversity	559403	1	23.5.Ma	
Room Talk	Benomar Mostapha	Distribution and characterization of microplastics in marine sediments from Al-Hoceima Bay (Southwestern Mediterranean, Morocco)	558725	1	23.5.Ma	
Room Talk	Garcia-Garin Odei	Assessment of ecotoxicological effects of small microplastics on Mediterranean corals.	558866	1	23.5.Ma	
Room Talk	Giani Dario	Evaluating marine litter impact on coastal areas in Italy, Lebanon, and Tunisia within the COMMON Project	559371	1	23.6.Ma	
Room Talk	Hernandez Ivan	A probabilistic Lagrangian numerical model to assess the impact of floating marine litter on Barcelona city beaches	559368	1	23.6.Ma	
Room Talk	López Barrón Júlía	Study of the presence of macroplastics and microplastics in the stomach content of juvenile bluefin tunas and their diet in the Mediterranean Sea.	559552	1	23.6.Ma	
Room Talk	Rodríguez-Romeu Oriol	Soup of fish and plastic: Unraveling plastic fiber ingestion and feeding behavior effects in European sardine ( <i>Sardina pilchardus</i> ).	558806	1	23.6.Ma	
Room Talk	Segur Théo	PLASTIC POLLUTION OUTLOOK IN THE MEDITERRANEAN SEA: A BOX-MODEL APPROACH BASED ON OECD POLICY SCENARIOS.	558782	1	23.6.Ma	

Walking Talk	Alcaïno Anaëlle	Contamination by microplastics in the Bay of Marseille (Gulf of Lion, France): an integrative diagnosis from the surface to depth	564621	1	24_WT
Walking Talk	Expósito Granados Mónica	Assessment of marine litter in the Alboran Sea: insights from a decade of monitoring	559214	1	24_WT
Walking Talk	García-Valle Gonzalo	Deployment of an innovative microplastic sensor in PLOCAN offshore ocean platform.	559480	1	25_WT
Walking Talk	Haseler Mirco	Innovative Approaches to Monitoring Macro and Meso-Litter on North African Mediterranean Beaches	559504	1	25_WT
Walking Talk	Laermanns Hannes	A spatial analysis of macroplastic littering in urban parks of Cologne, Germany	559249	1	26_WT
Walking Talk	Singh Jaswant	Subsurface transport of microplastic particles in gravel columns: Impacts of different rain events and particle characteristics	559680	1	26_WT
Poster Talk	Catarino Ana on behalf of Pazos Rocio	Microplastics accumulation in an estuarine ecosystem and ecotoxicological effects of plastic leachates on a benthic copepod	559496	2	Poster
Poster Talk	Diaz Mauricio on behalf of Islas Soledad	A Preliminary Assessment of Paint and Coating Debris in SW Atlantic Port Areas Impacted by Boat Maintenance Activities	559633	2	Poster
Poster Talk	Grandjean Juliette	Assessment of the effects of leachates from plastic items and boat coatings on <i>Nitokra spinipes</i> in the context of global change	559348	2	Poster
Poster Talk	Hengstmann Elena	Method development for the analysis of coating/paint particles from offshore wind farms in sediment samples	558785	2	Poster
Poster Talk	Lambropoulou Dimitra	pH-Responsive Leaching Profiles from Photodegradation of Microplastics	559575	2	Poster
Poster Talk	Lorenz Claudia	Environmental Impact of Microplastic Shedding from Offshore Wind Turbine Coatings	559653	2	Poster
Poster Talk	Manzo Sonia	Ecotoxicological effects of Degraded Plastic Leachates also in the frame of Climate Change Scenario	559614	2	Poster
Poster Talk	Prokopova Michaela	Monitoring of compounds released from bioplastics and similar plant-based materials into water	559529	2	Poster
Poster Talk	Sala Berta	Exploring plastic additive leaching in seawater: The role of biofilm on colonized surfaces	558556	2	Poster
Poster Talk	Sichrova Katerina	Microplastics release a range of substances into the surrounding water	559526	2	Poster
Room Talk	Booth Andy	Methodological considerations for increasing realism in hazard assessment of plastic and rubber leachates	557102	2	25.2.Me
Room Talk	Burghardt Tomasz	Microplastics from road markings in the presence of tyre wear – a laboratory test method development	551418	2	25.2.Me
Room Talk	Cousin Xavier	Leachates from tyres induce acute toxicity in fish, influence of tyre type and age	559100	2	25.2.Me
Room Talk	Fischer Marten	Analytics of paints and coatings with (reactive) pyrolysis-GC/MS – challenges and perspective	558784	2	25.2.Me
Room Talk	Ledu-Carree Jessy	Assessing the Toxicity of Recycled Rubber and Bio-Rubber Leachates on Marine Plankton	559681	2	25.2.Me
Room Talk	Lefebvre Charlotte	Ecotoxicity of fishing nets leachates after up to one year of in situ weathering in two harbors of the Biscay Bay.	559656	2	25.3.Me
Room Talk	Rist Sinja	The toxicity of a complex spill of plastic pellets and chemicals on marine plankton	559058	2	25.3.Me

Melanie Poehlmann  
&  
Andy Booth

Room Talk	Schmidt Natascha	Leaching of Organic Compounds from Tire Particles Under Conditions Simulating the Deep Sea	558912	2	25.3.Me
Room Talk	Vishnuradhan Renjith	Detection of plastic leachates in drinking water using microwaves	559309	2	25.3.Me
Room Talk	Wu Fangzhu	Unveiling small microplastics in Norwegian coastal sediment cores	557755	2	25.3.Me
Walking Talk	Budhiraja Vaibhav	Accelerated weathering of tire wear particles	559196	2	24_WT
Walking Talk	Howarth-Forster Lucy	Into the Multiverse: Analysis of microplastic leachates using comprehensive multi-dimensional gas chromatography-mass spectrometry	559469	2	24_WT
Walking Talk	Lievens Siebe	Unraveling the Fate of Microplastic Leachable Compounds: a Fast Screening using Ambient Pressure Ionization	558470	2	25_WT
Walking Talk	Menger Frank	Uncovering Hidden Threats – Screening Unidentified Chemicals in Plastic Leachates Using LC-HRMS and Machine Learning Tools	559642	2	25_WT
Walking Talk	Alcauz María Belleda	Determination of the Presence of Microplastics in Intertidal Sediments of Deception Island, Antarctica	559762	2	26_WT
Walking Talk	Wendt-Potthoff Katrin	Effects of plastic leachates on <i>Alivibrio fischeri</i> and bacterial strains isolated from marine plastic garbage	558916	2	26_WT
Poster Talk	Babu Prasanth	Time-Dependent Release kinetics of Nano Plastics from Disposable Cups	559189	3	Poster
Poster Talk	Binelli Andrea	Multi-level effects of some water-soluble polymers in two freshwater biological models	557828	3	Poster
Poster Talk	Boucher Justin on behalf of Muncke Jane	Risk assessing micro- and nanoplastics for early-life human health: the AURORA Horizon 2020 research project	559474	3	Poster
Poster Talk	Carlson Calvin	The importance of both physical aging and chemical weathering for the environmental fate of plastic	559180	3	Poster
Poster Talk	Dettoto Chiara	Detection of three classes of plasticizers in edible fish from Mediterranean Sea	559431	3	Poster
Poster Talk	Lievens Siebe	Environmental Weathering: How Beach Sand and Sea Alter the Chemical Composition of Gloves and Mouth Masks	558549	3	Poster
Poster Talk	Ludvigsen Emma	Post-consumer plastics (PCR) a better alternative to pristine plastics for the aquatic environment? A toxicity comparison of pristine and recycled plastic bags.	559539	3	Poster
Poster Talk	Muniategui-Lorenzo Soledad	Impact of mechanical recycling on organic additives in plastics	559618	3	Poster
Poster Talk	Simoneit Martin	nanoINHALE: Plastic-associated chemicals in terrestrial biota, including simulated leaching	559728	3	Poster
Poster Talk	Wiesner Yosri	Rapid sample preparation to detect microplastics in baby milk powder	558944	3	Poster
Room Talk	Caorsi Giada	Comparison of effects due to standard PVA powder and PVA-based dishwasher pods: a multi-tier approach on <i>Danio rerio</i> embryos	559578	3	24.2.Me
Room Talk	Kaushik Garima	Additive Chemicals in Food Grade Plastics: A serious concern	554820	3	24.2.Me
Room Talk	Kittner Maria	Development of a new Lysimeter System to assess Microplastic, PAH and Heavy Metal Emissions from Artificial Turf Sports Pitches	559678	3	24.2.Me
Room Talk	Lievens Siebe	A Swift Photocatalysis Breaking Down Bisphenol A for Water Purification: Analytical Insights Through DART-MS	558481	3	24.2.Me

Martin Wagner

Room Talk	Maccantelli Andrea	Assessment of Phthalate concentrations in four edible commercial species and potential hazard on human health	559378	3	24.2.Me
Room Talk	Putzu Mara	Development and validation of analytical methods to detect small microplastics (10 -100 µm) in infant formula milk powder	558867	3	24.3.Me
Room Talk	Silva Carla	Plastic additives: trophic level ecotoxicity for enhanced Life Cycle Assessment Impact	559686	3	24.3.Me
Room Talk	Teague Kellie	Polymers Out in The Sun (POTS): Chemical analysis of plastic photodegradation timescales over one year in Hawai'i	559288	3	24.3.Me
Room Talk	Wagner Martin	PlastChem: State-of-the-science on chemicals of concern in plastic	559417	3	Plenary the 24th
Walking Talk	Alasonati Enrica	Towards Nanoplastic Reference Materials Representative of Partially Degraded/Naturally Aged Samples in Complex Food and Environmental Matrices	559355	3	24_WT
Walking Talk	Boucher Justin on behalf of Geueke Birgit	Evidence for widespread human exposure to food contact chemicals	559408	3	24_WT
Walking Talk	Ghaffari Mahdiyeh	Application of Machine Learning for the Fast Qualitative Assessment of Multilayer Plastic Materials	555388	3	25_WT
Walking Talk	Jemec Kokalj Anita	Is emerging alternative plasticizer di(2-propylheptyl) phthalate (DPHP) less hazardous to arthropods than restricted di(2-ethylhexyl)phthalate (DEHP)?	558007	3	25_WT
Walking Talk	Wright Amy C. M.	Above- and below-ground impacts of biotransformation additive-containing plastics and their leachates on barley growth and soil dynamics: a mesocosm study	554179	3	26_WT
Walking Talk	Yurtsever Meral	Investigation of microplastic release during the freeze-thaw cycle of food contact LDPE resealable ziplock bags	563492	3	26_WT
Poster Talk	Brown Erina	The transport of tyre wear particles in rivers, with a focus on settling and resuspension	558833	4	Poster
Poster Talk	Kleint Tomas	Correlation between py-GC-MS and microscopically determined tire wear concentration and tire wear-related markers in snowmelt and soil samples	559716	4	Poster
Poster Talk	Lenssen Esther	Tread lightly: immuno-toxicological health effects of traffic-related polymers in healthy adults.	558831	4	Poster
Poster Talk	Magni Stefano	Tire rubber additives as aquatic emerging contaminants: exploring the effects on zebrafish larvae	557342	4	Poster
Poster Talk	Martinmäki Tatu	Mass concentrations of common microplastics and tire wear rubbers in urban air	558514	4	Poster
Poster Talk	Meyer Jocelyn	Microplastics in Hamburg's city air	558536	4	Poster
Poster Talk	Petrišič Tina	How do woodlice deal with infection after exposure to microplastics?	559069	4	Poster
Poster Talk	Rosso Beatrice	Cross-validation techniques for the identification and quantification of tire wear particles from highway stormwater runoff	558858	4	Poster
Poster Talk	Sillanpää Markus	Wet and dry deposition of airborne microplastics in urban background site in Helsinki	559488	4	Poster
Room Talk	Bähre Robin-Macmahon	A Study on the Aquatic Degradation of Tire Wear Particles: Impact of Environmental Factors and Material Formulations	559221	4	25.5.Me
Room Talk	Capper Angela	'ALL ROADS FLOW TO THE SEA' – capturing road-based plastic pollution using physical and community interventions	557725	4	25.5.Me

Room Talk	Cole Matthew	Environmentally relevant concentrations of tyre particles cause toxicity in estuarine invertebrates	557794	4	25.5.Me
Room Talk	Eyheraguibel Boris	Biodegradation of roadway particles	558075	4	25.5.Me
Room Talk	Foroutan Hosein	A comparative analysis of the chemical composition and biofilm formation on tire wear particles from six different tire types	559150	4	25.5.Me
Room Talk	Lucian Iordachescu	An Integrative Analysis of Microplastics and Tire and Road Wear Particles in Spider Webs and Road Dust in an Urban Environment Using $\mu$ FTIR and Pyr-GSMS	559451	4	25.6.Me
Room Talk	Lykkemark Jeanette	Wheels of Contamination: Car tire microplastics from source to sea	559635	4	25.6.Me
Room Talk	Ospital Louisa	A parametrized and regionalized TRWP inventory model for LCA	559201	4	25.6.Me
Room Talk	Rozman Ula	Comparison of the effects of tire wear particles on the freshwater macrophyte under different exposure scenarios	557622	4	25.6.Me
Room Talk	Woodhouse Charlotte	The ecotoxicological effects of tyre particles on mortality and behaviour in the estuarine amphipod, <i>Corophium volutator</i> .	558580	4	25.6.Me
Walking Talk	Landebrit Louisa	Impregnation levels and gradient of tire wear particle content of surface soils adjacent to a major road	556171	4	24_WT
Walking Talk	Roy Sampri	Longitudinal and Vertical Distribution Pattern of Tire Wear Particles in an Urban Bioswale	559465	4	25_WT
Walking Talk	Scibetta Lorenzo	Novel method for the characterization and quantification of rubber particles in air samples and human blood	559472	4	25_WT
Walking Talk	Smyth Kelsey	Is road pavement wear a source of microplastics in stormwater runoff?	558531	4	26_WT
Walking Talk	Tirroniemi Jyri	Rubber granulate infill emissions from two football pitches in Finland – a case study	555985	4	26_WT
Poster Talk	A Vidyasakar	Spatial Distribution of Microplastics in the Sandynulla Lake and Parson Valley Lake in the Reserve Forest Region: An Environmental Assessment.	559190	5	Poster
Poster Talk	Almuhtaram Husein	Occurrence and Removal of Microplastics by Advanced and Conventional Drinking Water Treatment Facilities.	566845	5	Poster
Poster Talk	Čermáková Lenka	Differences in the occurrence of microplastic at two technically diverse drinking water treatment plants within the same river catchment	559536	5	Poster
Poster Talk	Guedes Yeray, Almeida Guillermo, Penas Minia, Saenz Jose Luis and Osorio Teno	More tap means less plastic	557930	5	Poster
Poster Talk	Hernández-Sánchez Cintia	Microplastic in Desalinated and Seawater: Comparative Assessment	559700	5	Poster
Poster Talk	Lin Xiaohui	Characterization of Microplastics in Tap Water by Optical Photothermal Infrared	559060	5	Poster
Poster Talk	Magnano Diana Giovanni	Unpacking the Challenges and Opportunities of Implementing Extended Producer Responsibility in the Fishing Industry	559395	5	Poster
Poster Talk	Mossotti Raffaella	Assessment of Microplastic Contamination in Drinking Water from an Italian Plant: An Analytical Study	558689	5	Poster
Poster Talk	Semensatto Décio	Macroplastics in the Guarapiranga reservoir (São Paulo, Brazil): estimating the generation of microplastics	559494	5	Poster
Room Talk	Chaïb Iseline	Microplastics in food sold in France: a matter of containers ?	559322	5	24.6.O

Room Talk	Chauhan Jaspal Singh	Assessment of vulnerabilities of central Himalayan Springs towards Microplastic pollution.	559223	5	25.2.Ma
Room Talk	Cordier Mateo	Reducing plastic production: Economic loss or environmental gain?	557172	5	25.2.Ma
Room Talk	Ferreira Tamiris	Microplastics in soil and groundwater along an urban river in Bauru (SP, Brazil)	558152	5	25.2.Ma
Room Talk	Fischer Dieter	Analysis of microplastics in food, mineral water and in mineral water process lines by FTIR and Raman microspectroscopy	558972	5	25.2.Ma
Room Talk	Guo Yutong	Scenarios for future microplastic pollution reduction: an integrated modeling approach for over 10,000 rivers	548359	5	25.2.Ma
Room Talk	Lelonek Monika	Low levels of microplastic detected in bottled drinking water for sale in Norway	559263	5	25.3.Ma
Room Talk	Li Livia	Microplastics and Nitrogenous DBPs in Drinking Water: A Complex Interaction Beyond Adsorption	547513	5	25.3.Ma
Room Talk	N. Miranda Mariana	The INSPIRE approach to assess the plastic removal efficiency of technology-based solutions for rivers	559718	5	25.3.Ma
Room Talk	Passos Camila	Challenges on environmental regulation and monitoring of microplastics: the case of the State of São Paulo (Brazil)	559432	5	25.3.Ma
Walking Talk	Aslam Imran	Rapid and reliable detection of microplastics in drinking water using fluorescence microscopy	557084	5	24_WT
Walking Talk	Bordos Gabor	MicroDrink project: regional cooperation in the Danube Basin harmonized with the EU Drinking Water Directive microplastic monitoring	558800	5	24_WT
Walking Talk	Brancaleone Eleonora	Method development and optimization for assessing microplastic distribution in a drinking water treatment plant: insights into seasonal variation and spatial dissemination from an Italian study.	558891	5	25_WT
Walking Talk	Dominguez Patricia	A solution for controlling microplastics in drinking water	558533	5	25_WT
Walking Talk	Criollo Sara	A REVIEW ON THE DETECTION OF MICRO AND NANO PLASTICS IN DRINKING WATER	558278	5	26_WT
Walking Talk	Filimonova Elena	Microplastic particles in karst and alluvial aquifers	559654	5	26_WT
Poster Talk	Campanale Claudia	Biodegradable plastic mulch films in agriculture: specifications, scientific background and criticalities	556638	6	Poster
Poster Talk	Di Pippo Francesca	Biodegradation of biodegradable plastics in lake waters: insights from a long-term on-site study	559425	6	Poster
Poster Talk	Efimova Anna	EXPERIMENTAL MODELING OF BIODEGRADABLE MICROPLASTICS	559701	6	Poster
Poster Talk	Fulajtar Emilia	Enhancing Environmental Biodegradation of Polyesters	558835	6	Poster
Poster Talk	Galafassi Silvia	Assessing Degradation and Biofilm Formation on Disposable Food Containers of various materials in a Lake Environment	558919	6	Poster
Poster Talk	Haerberli Gabrielle	Biofilm-forming microbial communities' and their potential as marine plastic biodegraders	558501	6	Poster
Poster Talk	Luzi Beatrice	From Clotheslines to Dryers: Impact on Microfiber Release from Textiles	558922	6	Poster
Poster Talk	Selonen Salla	Macro and microplastics in agricultural soils after use of conventional and biodegradable plastics	559737	6	Poster
Poster Talk	Tamayo Miguel	Effect of secondary PLA nanoplastics on two Cyanobacteria: interaction with organic and inorganic contaminants.	557903	6	Poster

Mateo Cordier  
&  
Rayco Guedes

Poster Talk	Zanetti Lisa on behalf of Garaventa Francesca	Bio-based and other alternatives: Concepts, value chain, impacts and hazard assessment	558913	6	Poster
Room Talk	Akoueson Fleurine	Evaluation of the emission potential (microplastics & organic additives) by conventional or biodegradable mussel nets	558999	6	23.2.O
Room Talk	Bocci Valerio	Microbial colonization patterns and biodegradation of petrochemical and biodegradable plastics in lake waters	559390	6	23.2.O
Room Talk	Compin Arthur	Citizen science to investigate plastic biodegradation in the soil environment	559559	6	23.2.O
Room Talk	Coppock Rachel	A comparison of the toxicity of biodegradable fibres to the globally abundant estuarine copepod, <i>Acartia tonsa</i>	559641	6	23.2.O
Room Talk	De Falco Francesca	FIELD DEGRADATION STUDY OF BIODEGRADABLE AGRICULTURAL MULCH FILMS IN DIFFERENT ENVIRONMENTAL EXPOSURE CONDITIONS	559455	6	23.2.O
Room Talk	Forsell Venla	Impacts of conventional and biodegradable microplastics on the earthworm <i>Eisenia andrei</i>	559482	6	23.3.O
Room Talk	Ou Qin	Effects of biodegradable microplastics on organic micropollutants biodegradation in river bank sediments	557362	6	23.3.O
Room Talk	Redondo-Hasselerharm Paula	Long-term effects of conventional and biodegradable microplastics from mulch on freshwater communities	548486	6	23.3.O
Room Talk	Skilbeck Olivia	The effect of preparation, dyeing and finishing treatments on the biodegradation of cellulosic microfibres	558975	6	23.3.O
Walking Talk	Canovi Chiara	Investigation of the efficiency of several TiO <sub>2</sub> microstructures for the photocatalytic degradation of nanoplastics.	558477	6	24_WT
Walking Talk	Çelen Erdem İpek	Biodegradation of Polystyrene by <i>Serratia marcescens</i> bacteria Isolated from Plandöken Dam in Turkey	556672	6	24_WT
Walking Talk	García-Mendoza Adriana	Exploring PLA for long-term applications in blue economy. Degradation assessment under marine exposure in the Canary Islands.	559581	6	25_WT
Walking Talk	Gómez Kong Silvia	Generation and characterization of secondary nanoplastics and oligomers from PBAT and their toxicity towards the freshwater microalga <i>C. reinhardtii</i>	557037	6	25_WT
Walking Talk	Gómez Salazar Cynthia	Plastic Fragmentation In Marine Environments	559533	6	26_WT
Walking Talk	Labbé Clémentine	Toxicity of aged and unaged conventional or biodegradable mulching films microplastics to the estuarine bivalve <i>Scrobicularia plana</i>	558522	6	26_WT
Poster Talk	Aalifar Ali	Numerical modelling of marine macrolitter hotspots on the seafloor of the northern Adriatic Sea	559443	7	Poster
Poster Talk	Blache Mathis	Investigating Microplastic Flux Rates in Icelandic Lakes: Linking Atmospheric Deposition to Precipitation Patterns	559324	7	Poster
Poster Talk	Compa Montserrat	Unveiling Historical Suspended Sediment Concentrations: Tracing Microplastics and Microfibers in a Mediterranean Lowland River	559537	7	Poster
Poster Talk	Enders Kristina	Mapping the Plastic Legacy: Geospatial Predictions of a Microplastic Inventory in a Complex Estuarine System Using Machine Learning	559755	7	Poster
Poster Talk	Fabrizi Francesca	Plastic litter threatening marine biodiversity in Italy	558708	7	Poster
Poster Talk	Gjerde Jennifer	Microplastic analysis in sediment samples utilizing quantum cascade laser- Infrared Spectroscopy and Pyrolysis Gass Chromatography Mass Spectrometry	558540	7	Poster

Francesca De Falco

Poster Talk	Jiang Danyang	Advancing plastic release modeling: updating emission flows and extending the system boundary from Switzerland to Europe	559154	7	Poster
Poster Talk	Lehrback Bethânia Dal Col	VERTICAL DISTRIBUTION OF MICROPLASTICS IN MANGROVE SEDIMENT IN A TROPICAL ESTUARINE REGION.	546283	7	Poster
Poster Talk	Markic Ana	Fragmented marine plastics as the prevalent litter type on a small island beach in the Adriatic	555216	7	Poster
Poster Talk	Mikac Lara	Detection and characterisation of microplastics in lake sediments: A study in the Zagreb region	556184	7	Poster
Room Talk	De Ramos Bruna	Retention of floating riverine macro-plastics in Baltic estuaries and coastal zones – A model study	559459	7	24.2.O
Room Talk	Devriese Lisa	How much plastic flows into the sea and what are the implications for policy? Case study of Flanders.	555786	7	24.2.O
Room Talk	Escobar Sánchez Gabriela	Emission, transport and fate of floating and sinking plastics in estuaries: an emission budget and high-resolution model study	559077	7	24.2.O
Room Talk	Falcou-Prefol Mathilde	Distribution and characterization of microplastics in the Scheldt estuary (Belgium)	559636	7	24.2.O
Room Talk	Johnson Jaime	Quantifying microplastic pollution in South African mangrove forests: A comparative analysis of abundance, morphotype, polymer composition and toxicity.	559775	7	24.2.O
Room Talk	Mesghez Susanna	Monitoring macro-litter and microplastics in the Venice coastal area (Italy): evaluation of their distribution and potential sources	558483	7	24.3.O
Room Talk	Pascoe Christine	Capturing marine microplastics with mussel power	559502	7	24.3.O
Room Talk	Piarulli Stefania	Searching for SMART(er) solutions: A laboratory-assessment of microplastic release from aquaculture nets and ropes	559169	7	24.3.O
Room Talk	Shettigar Nithin Achutha	Size-dependent microplastics transport in a sediment rich environment	557554	7	24.3.O
Room Talk	Valsan Gokul	Subterranean Estuaries: An Overlooked Pathway for Microplastic Transport to Our Oceans	559056	7	24.3.O
Walking Talk	Dimante-Deimantovica Inta	Tracing the journey of microplastics in lake from surface water to accumulation in the sediments	555548	7	24_WT
Walking Talk	Gomiero Alessio	MICROPLASTIC POLLUTION BUDGET ASSESSMENT OF DIFFERENT INTEGRATED MULTI-TROPHIC AQUACULTURE (IMTA) SYSTEMS	559319	7	24_WT
Walking Talk	Ledieu Lauriane	Plastic litter accumulation zones on the riverbanks of the Seine River (France): what about microplastics?	552996	7	25_WT
Walking Talk	Papini Giulia	Seasonality influences microplastic occurrence in cultured European flat oyster	559699	7	25_WT
Walking Talk	Peculaj Artenisa	Microplastics study in Vlora Bay: an overview of the status quo for new environmental policies	557558	7	26_WT
Poster Talk	Blasco Nagore	Microplastic accumulation, depuration dynamics and localization in environmental compartments: combination of experimental set ups and field studies	559508	8	Poster
Poster Talk	Costanzo Alessandra	Microfibers in the diet of a highly aerial bird, the Common swift Apus apus	557849	8	Poster
Poster Talk	Donnarumma Vincenzo	COVID-19 effect on plastic pollution: analogies and differences of macro litter surveys at different spatial scales in the Mediterranean Sea	559574	8	Poster

Lisa Devriese



Poster Talk	Helguera Pedraza Yusmila	A BREAKTHROUGH IN THE HARMONIZATION OF MICROPLASTICS MONITORING PROTOCOLS IN LATIN AMERICAN REGION	559306	8	Poster
Poster Talk	Hunter Emma	Plastic pollution and ocean giants: Investigating the extent and impacts of plastic ingestion by marine megafauna	574288	8	Poster
Poster Talk	Kuchynka Michaela	Is LA-ICP-MS the next frontier in monitoring and imaging microplastics in biological tissues?	559252	8	Poster
Poster Talk	Lacerda Ana Luzia	The plastisphere: a comprehensive description of geographic and temporal patterns across the Mediterranean Sea and the Atlantic Ocean.	559576	8	Poster
Poster Talk	Pierdomenico Martina	Microplastics distribution in marine sediments offshore the Tiber River mouth (Central Tyrrhenian Sea): the role of sedimentary processes	559160	8	Poster
Poster Talk	Silva Carla O.	Microplastics monitoring in mussels and water from the Port of Sines, Portugal	557537	8	Poster
Poster Talk	Unger Bianca	Microplastics in large whales occasionally found in German waters	554106	8	Poster
Room Talk	Concato Margherita	Detection of natural and synthetic anthropogenic fibers, and phthalates in Mediterranean marine organisms	559471	8	24.5.O
Room Talk	Costa Elisa	Integrated approach for microplastic pollution assessment in the North-East Sardinia (Tyrrhenian Sea).	558724	8	24.5.O
Room Talk	Fossi Maria Cristina	BIODIVERSITY AT RISK IN THE IN THE SPAMI PELAGOS SANCTUARY: THE IMPACT OF MARINE LITTER ON BIOTA	558758	8	24.5.O
Room Talk	Mcgoran Alex	The need for a sentinel species: considerations towards regional bioindicators	559412	8	24.5.O
Room Talk	Olah-Kovacs Brigitta	The impacts of littered cigarette butts on the common periwinkle ( <i>Littorina littorea</i> )	559463	8	24.5.O
Room Talk	Primpke Sebastian	When the unexpected happens: Strict quality control measures and its impacts on microplastic concentrations in the Southern Ocean key species Antarctic krill, <i>Euphausia superba</i>	557960	8	24.6.O
Room Talk	Romano Elena	Microplastic pollution in different environmental matrices of Tyrrhenian Sea' marine caves	559407	8	24.6.O
Room Talk	Trapletti Lanti Yada	Plastic Pollution Threatens Shorebirds: A Global Review	558227	8	24.6.O
Room Talk	Uhrin Amy	Improved detection and characterization of shoreline marine debris using polarimetric imagery	552233	8	24.6.O
Walking Talk	Dąbrowska Agnieszka	Spectroscopy of Marine Microplastic – qualitative and quantitative approach, interface characterization, selected case studies and main challenges	558485	8	25_WT
Walking Talk	Frau Ginard Margarita	Microplastics spatiotemporal distribution and variability in marine habitats along the North-Western Mediterranean coastal waters.	559534	8	25_WT
Walking Talk	Pereira João	Falling into the darkness – microplastics sinking fluxes in the deep sea	553428	8	26_WT
Walking Talk	Savoca Serena	PLASTIC POLLUTION FROM RECREATIONAL FISHERY, THE CASE OF EGING FISHING	559664	8	26_WT
Poster Talk	Ainali Nina Maria	Linking UV Aging of Polymers and Microplastics Formation: An Assessment Employing Various Characterization Techniques	559525	9	Poster
Poster Talk	Ehlers Sonja M.	Frequent observations of plastic forms in the Ariho River estuary, Honshu, Japan	547611	9	Poster

Cristina Fossi  
&  
Gara Goñi

Poster Talk	Ellrich Julius	Plastitar records worldwide from 1973 to 2023	546780	9	Poster
Poster Talk	Fazlić Aida	Laser-based spectroscopic techniques: A novel approach for distinguishing aging processes and types of microplastics	555335	9	Poster
Poster Talk	Gjashta Xhoen	New Approach to Produce Accelerated Aged Microplastics Standard	559452	9	Poster
Poster Talk	Hoarau Belkhir Amélie	Photolysis of microplastics under ultraviolet radiation : greenhouse gas emissions.	559481	9	Poster
Poster Talk	Hussain Shabab	Degradation of Microfibers from Face Masks under Weathering Conditions	559165	9	Poster
Poster Talk	Singh Parinita	Implementing standardised assays for the characterisation and evaluation of newly developed PET hydrolase enzymes	559208	9	Poster
Poster Talk	Susana Agustí	The evolution of widespread functional PETases in the global ocean	547704	9	Poster
Poster Talk	Wayman Chloe	Microbial degradation of microplastics in the Korle Lagoon (Accra, Ghana)	558935	9	Poster
Room Talk	Adamopoulou Argiro	Optimizing spectral classification and oxidation estimation of environmental Microplastics	559692	9	25.2.O
Room Talk	Carpenter Carrie	Investigating the ice nucleation activity of microplastics colonized with microorganisms	559193	9	25.2.O
Room Talk	Glais Margaux	Degradation of polypropylene : proportion of microplastics formed and assessment of their density.	559493	9	25.2.O
Room Talk	Lenz Robin	MPX_specDB: A FAIR spectroscopic data collection for enhanced detection of weathered and biofouled polymers	559741	9	25.2.O
Room Talk	Mauel Anika	Transferability of accelerated weathering to outdoor weathering for commodity polymers PS, PP and PE	559207	9	25.3.O
Room Talk	Meyers Nelle	From microplastics to pixels: Testing the robustness of two machine learning approaches for automated, Nile red-based marine microplastic identification.	559377	9	25.3.O
Room Talk	Niemann Helge	Microbial degradation of plastic-derived dissolved organic matter in contrasting ocean environments	558910	9	25.3.O
Room Talk	Song Jessica	(micro)Plastic biofilms: Keeping afloat by carving out a new niche	558827	9	25.3.O
Room Talk	Van Grootheest Derk	Quantifying the Impact of Biofouling on Microplastic Transport: a Modeling Study	558561	9	25.3.O
Room Talk	Frias João	Raising environmental awareness and promoting community engagement through music: A ocean literacy case study from the West of Ireland	558452	9	Plenary the 26th
Walking Talk	Calderon Marquesa	How old are beach plastics?: Applying the carbonyl index to age HDPE fragments	559162	9	24_WT
Walking Talk	Pfohl Patrizia	The fate of microplastics in the environment: Systematic studies to determine release rates of secondary micro- and nanoplastics and water-soluble organics induced by photolysis and hydrolysis	550961	9	24_WT
Walking Talk	El Kharraf Aicha	Chemical & Physical characterization of Plastic Breakdown: Formulated polyethylene plastic accelerated oxidation	559308	9	25_WT
Walking Talk	Kolandhasamy Prabhu	SMALL PLASTIC FRAGMENTS AND PELLTES: INCREASING THE RISK OF SPECIES DISPERSAL IN THE MARINE ENVIRONMENT, SOUTHEAST COAST OF INDIA	555242	9	25_WT
Walking Talk	Pleskytė Sonata	Enhanced Photocatalytic Degradation of LDPE Microplastics Using TiO <sub>2</sub> -Kaolinite and TiO <sub>2</sub> -Montmorillonite Nanomaterials	555962	9	26_WT

Alex Cortada  
&  
João Frias

Walking Talk	Yousefi Nariman	Environmental Degradation of Consumer Plastics into Microplastics and Nanoplastics and Their Classification Using Machine Learning	559714	9	26_WT
Poster Talk	Fajković Hana	Optimizing Microplastic Analysis through Comparative FTIR and Raman Spectroscopy: Addressing Challenges in Environmental Degradation Studies	558736	10	Poster
Poster Talk	Furió Cristina	Advances in Analytical Techniques for Micro and Nanoplastic Characterization: Addressing the Need for Standardization and Reference Materials	557349	10	Poster
Poster Talk	Jamšek Jena	Influence of polyethylene microplastics on the photocatalytic degradation of dibutyl phthalate and bisphenol A in an aqueous medium	559444	10	Poster
Poster Talk	Monràs-Riera Pere	Comparative Analysis of Factors and Methodologies for Studying Bacterial Colonization on Plastic Pellets Using Microcosm Approaches	559436	10	Poster
Poster Talk	Neuber Kathrin Angelika	Influence of the Polymer Type on the Impact of Microplastic Particles	555347	10	Poster
Poster Talk	Starin Mark	The effects of metals and polymer types on the development of biofilm on microplastic surface	559434	10	Poster
Poster Talk	Mondellini Simona	Development of a standardized methodology for the identification and characterization of airborne microplastics in working spaces	559500	10	Poster
Room Talk	Bakir Adil	Tackling plastic pollution together: Examples of international collaboration for the monitoring and reporting of microlitter (including microplastics).	559590	10	25.5.O
Room Talk	Burgevin Fannie	Degradability of biodegradable polymers: direct comparison of the degradation of PLA, PBAT, PBS and PHBV polymers under different artificial and environmental conditions	559628	10	25.5.O
Room Talk	Dusacre Edgar	Toxicity patterns of new and used fishing net extracts: a comparative study of conventional and biodegradable polymers	559657	10	25.5.O
Room Talk	Ghiglione Jean-François	Are "biodegradable" plastics really biodegradable ? The case study of the marine environment.	558757	10	25.5.O
Room Talk	Mondellini Simona	Daphnia magna clones react differently to microplastics exposure under food limitation	559627	10	25.5.O
Room Talk	Monràs-Riera Pere	Plastisphere colonization in Antarctica: a microcosmos approach	552759	10	25.6.O
Room Talk	Ramtahal Jonathan	TARA-JAMBIO Microplastic Survey: A study of microplastic pollution in coastal areas of Japan	558657	10	25.6.O
Room Talk	Rodríguez-Lorenzo Laura	Evaluation of the Degradation from Micro to Nanoplastics from Biodegradable Bags in Marine Conditions	559748	10	25.6.O
Room Talk	Teggars Eva-Maria	Towards a Comprehensive Microplastic Fate Assessment: Integrating Size Analyses and Abiotic Degradation into Regulatory Testing	558680	10	25.6.O
Room Talk	Vianello Alvise	Mapping Microplastic Distribution in Maritime Corridors: A Continuous Sampling Approach	559659	10	25.6.O
Walking Talk	Cappello Tiziana	Developmental toxicity of polystyrene microplastics and bisphenol A in black sea urchin <i>Arbacia lixula</i> by a multi-biomarker approach	559302	10	24_WT
Walking Talk	Cragg Simon	Microbial transformation of plastics in SE Asian seas	559647	10	24_WT

Jean-François Ghiglione

Walking Talk	De Felice Beatrice	Multi-level approach to evaluate the toxicity of virgin and weathered microplastics made of polylactic acid (PLA) and polybutylene adipate terephthalate (PBAT) on <i>Daphnia magna</i>	559511	10	25_WT
Walking Talk	Diémé Binta	Metabolomic analysis of plastisphere microbial communities in the river-sea continuum	558620	10	25_WT
Walking Talk	Hossini Hooshyar	Microplastics potential role as a carrier for Protozoan, Bacteria and SARS-CoV-2	544602	10	26_WT
Walking Talk	Vaksmaa Annika	Microbial communities colonizing plastic in the Nile River	559338	10	26_WT
Poster Talk	Antoni Colom	Assessing the Impact of Social Deprivation Index, Infrastructure Proximity and Demographics on Marine Litter Distribution in Spain	559580	11	Poster
Poster Talk	Barone Marta	Replicating success: sampling microplastics in environments of low pollution levels	555162	11	Poster
Poster Talk	Barry Peter	Seafloor litter as a settling platform for Non-Native Species: A UK perspective	559690	11	Poster
Poster Talk	Bizjak Tamara	From Macro to Micro: Comprehensive coastal litter analysis using portable NIR	559476	11	Poster
Poster Talk	Bosch Mar	Marine fouling organisms on beached plastic debris in the Western Mediterranean Sea	559501	11	Poster
Poster Talk	Cachot Jérôme	Novel Identification Approach for quantifying and characterizing Abandoned, Lost, or Otherwise Discarded Fishing Gear	559754	11	Poster
Poster Talk	Mancuso Monique	Psammophytes as traps for beach litter	558753	11	Poster
Poster Talk	Rakib Md Refat Jahan	Occurrence, spatial distribution, and risk assessment of microplastics in surface water and sediments of Saint Martin Island in the Bay of Bengal	545469	11	Poster
Poster Talk	Retike Inga	Why sampling season and location matter for monitoring micro and mesoplastics on the beach	555065	11	Poster
Poster Talk	Simone Giorgio	Qualitative and quantitative assessment of Microplastic Pollution in waters and sediments of the Ave River estuary (Portugal)	559185	11	Poster
Room Talk	Alfonso Maria Belen	Atlas of Ocean Microplastics (AOMI) database: a collaborative initiative to unify microplastic data	559318	11	24.2.Ma
Room Talk	Boulay Anne-Marie	Plastic Litter in Life Cycle Assessment: Advances of the Marine Impacts in Life Cycle Assessment International Taskforce and application to case studies	559631	11	24.2.Ma
Room Talk	De Haan William	The dark side of artificial greening: plastic turfs as widespread pollutants of aquatic environments	559773	11	24.2.Ma
Room Talk	Mellink Yvette	Modelling size and shape distributions of micro- and macroplastics emitted to the natural environment	559028	11	24.2.Ma
Room Talk	Mendrik Freija	Legacy plastics associated with offshore oil and gas installations: environmental implications and future considerations for decommissioning	559645	11	24.3.Ma
Room Talk	Polivanova Tatiana	The Kara Gate is the main route for microplastics to enter the Kara Sea...	559650	11	24.3.Ma
Room Talk	Quintana Rocío	Plastic distribution in the water column of the Gulf of Cádiz (SW Spain)	558854	11	24.3.Ma
Room Talk	Stibora Miranda	Revising global plastic transport models	559743	11	24.3.Ma
Room Talk	Wendt-Potthoff Katrin on behalf of Tekman Mine B.	Hotspots of Floating Plastic Particles across the North Pacific Ocean	559361	11	24.3.Ma

Gunnar Gerdts

Walking Talk	Dikareva Nadia	Transport dynamics of microplastics from land to sea: the role of particle properties and stream morphology.	558661	11	24_WT
Walking Talk	Ershova Alexandra	Microplastics in the Southern Ocean and Antarctic snow	551278	11	24_WT
Walking Talk	Gonzalez Pineda Mariona	Hidden threat: microplastics interaction with Antarctic benthic invertebrates	559719	11	25_WT
Walking Talk	Lacerot Gissell	Microplastics in Collins Bay: establishing the foundation for a monitoring program in King George Island, Antarctica	558638	11	25_WT
Walking Talk	Mattsson Karin	Tracing history of pollution by pre-production plastic pellets and changes in environmental regulations by using coastal sediment archives	559331	11	26_WT
Walking Talk	Roscher Lisa	Origin and seasonal dynamics of pelagic microplastic deposition in Fram Strait, Arctic	558864	11	26_WT
Poster Talk	Crosta Arianna	SPATIAL DISTRIBUTION OF MICROPLASTIC CONTAMINATION ON ALPINE GLACIERS	559498	12	Poster
Poster Talk	Goßmann Isabel	Occurrence and backtracking of microplastic mass loads including tire wear particles in northern Atlantic air	557010	12	Poster
Poster Talk	Keshavarzy Åshild	Does macroplastic really concern the fisherman? - An insight into the Norwegian fishing industry's macroplastic management today and in the future	559608	12	Poster
Poster Talk	Klein Malin	A new sampling method for airborne microplastics	557425	12	Poster
Poster Talk	La Nasa Jacopo	Plastic breath: Quantification of microplastics and polymer additives in airborne particles	557006	12	Poster
Poster Talk	Longuet Claire	Human exposure related to nano or microplastics during recycling process	558871	12	Poster
Poster Talk	Odika Precious	INVESTIGATION OF THE ADSORPTION OF HEAVY METALS ON AIRBORNE MICROPLASTICS IN TWO COASTAL CITIES OF PORTSMOUTH, UK AND LAGOS, NIGERIA	559769	12	Poster
Poster Talk	Sundriyal Shipika	Microplastics in the Himalayan Glaciers: A Looming Environmental Threat	563469	12	Poster
Poster Talk	Volgin Igor	Microplastic particles in the Arctic marine environment: database of IR spectra and its analysis by machine learning methods	559724	12	Poster
Room Talk	Abel Serena M.	Remote Alpine Lakes and Microplastic Contamination: Insights from Sediment Analysis of Lake Cadagno	559343	12	23.5.O
Room Talk	Ambrosini Roberto	GLOBAL PATTERNS IN MICROPLASTIC CONTAMINATION ON GLACIERS	559211	12	23.5.O
Room Talk	Berezina Anfisa	Microplastics in Svalbard fjords: influence of hydrodynamics and local pollution sources	559547	12	23.5.O
Room Talk	Elnahas Adam	Investigating the Atmospheric Deposition of Microplastics in South Central Appalachia in the United States	559265	12	23.5.O
Room Talk	Prikler Bence	Comparison of air sampling techniques to analyse microplastics during plastic recycling	558793	12	23.5.O
Room Talk	Heilgeist Simone	Analysis of Micro- and Nanoplastics in Air Samples Using Tuneable Resistive Pulse Sensing and Raman Spectroscopy	559565	12	23.6.O
Room Talk	Herzke Dorte	Comparison of Atmospheric Microplastic in remote and urban locations in Norway; occurrence, composition and sources	559366	12	23.6.O
Room Talk	Luján-Vega Charlene	Mitigating airborne contamination in microplastic research of biota: Red clothing as a visual distinction tool	559670	12	23.6.O

Dorte Herzke  
&  
Justin Boucher

Room Talk	Won Jongcheon	Optimizing Analytical Methods for Atmospheric Suspended Microplastics: A study on Filter Suitability and Analysis Techniques	557299	12	23.6.O
Walking Talk	Akyildiz Sinem Hazel	Preliminary investigations on microplastic and microfiber pollution in NW Italian Alps glaciers	559360	12	24_WT
Walking Talk	Dehbandi Reza	Atmospheric deposition of microplastics in Shiraz, Iran	559764	12	24_WT
Walking Talk	Cesarini Giulia	Investigating Microplastic Transport in Remote Ecosystems: High-Mountain Lakes of the Western Alps	559216	12	25_WT
Walking Talk	Mattonai Marco	Progresses in the Quantitation of Airborne Micro- and Nanoplastic using Analytical Pyrolysis with Splitless Injection	558558	12	25_WT
Walking Talk	Pokhrel Nishan	Wettability of microplastic particles affects their water-to-air ejection via bubble bursting.	559136	12	26_WT
Walking Talk	Yakovenko Nadiia	Study of suspended microplastics in indoor air to assess human exposure through inhalation	559291	12	26_WT
Poster Talk	Courtene-Jones Winnie	The Ecotoxicological Effects of Bio-based and Conventional Microfibres on the Soil Detritivore Eisenia fetida	556667	13	Poster
Poster Talk	Fernández-Piñas Francisca	The role of agricultural plastic waste in the dissemination of resistance genes and pathogens	558436	13	Poster
Poster Talk	Khaleel Rizwan	A comparative study of microplastics under the influence of soil-typical eco-coronas through laboratory and field incubation experiments	559218	13	Poster
Poster Talk	Klemmensen Nanna	Assessing microplastic contamination in Icelandic soils: Insights from pristine, agricultural, and urban environments	558690	13	Poster
Poster Talk	Leganés Francisco	The life cycle of plastics: from greenhouse to coastal marine environments	558459	13	Poster
Poster Talk	Liu Hao	Numerical Simulation of Microplastic Permeation in Soil: from Solutes to Particles	556599	13	Poster
Poster Talk	Lu Yifan	Behaviour and Transport of Microplastics under Saturated flow conditions in Sediments and Soils	559227	13	Poster
Poster Talk	Pow Chloe	Fluvial flooding and the plastisphere – the transportation of potential human pathogenic bacteria into agricultural fields.	559347	13	Poster
Poster Talk	Rogers Abbie	Quantifying, and Assessing the Impact of, Microplastics in Terrestrial Samples	556621	13	Poster
Room Talk	Álvarez-Méndez Sergio J.	Occurrence of anthropogenic microparticles in soils of Teide National Park	559448	13	24.5.Ma
Room Talk	Alzawaidah Hadeel	Plastic Drift : Mapping the Course of Microplastic Transport in Turbulent Riverine Flows.	558476	13	24.5.Ma
Room Talk	Bussarakum Jutamas	Impact of Land Cover on Microplastics Accumulation in Freshwater Sediments	559029	13	24.5.Ma
Room Talk	Cyvin Jakob Bonnevie	Water infiltration capacity in soil polluted with macroplastics	559554	13	24.5.Ma
Room Talk	Gadens Zanetti Daniela	Microplastic sequestration in saltmarsh sediments from Eastern Brazil	546230	13	24.5.Ma
Room Talk	Hurley Rachel	Microplastic fate in soil environments: Drivers of the vertical transport of mulching film fragments	559359	13	24.6.Ma
Room Talk	Jagau Lisa	Modeling three-dimensional microplastic transport and sedimentation in lakes and reservoirs	558915	13	24.6.Ma
Room Talk	Müller Sascha	Nanoplastic-Fungal Interaction Across Different Laboratory Scales: Implications for Transport in Subsurface Environments	559733	13	24.6.Ma
Room Talk	Rieckhof Cynthia	Horizontal and vertical mobilisation of microplastics in agricultural soils: run-off and infiltration experiments	559387	13	24.6.Ma

Rachel Hurley

Room Talk	Zantis Laura Julia	Quantitative uptake of nanoplastics with different physico-chemical properties in lettuce ( <i>Lactuca sativa</i> ) and transfer to snails ( <i>Cantareus aspersus</i> )	558422	13	24.6.Ma
Walking Talk	Adhikari Tapan	Potential impact of microplastic on plant ( <i>Solanum melongena</i> ) and microbial growth in a Vertisols of Central India	559192	13	24_WT
Walking Talk	Larue Camille	Confounding factors in nano and microplastic ecological risk assessment	559129	13	24_WT
Walking Talk	De Tender Caroline	From risk assessment towards risk based testing and reduction: monitoring microplastic contamination in arable fields	559094	13	25_WT
Walking Talk	Maltseva Alina	Raman Spectroscopy: Recent Advances in Fast and Reliable Microplastic Analysis	559183	13	25_WT
Walking Talk	Semensatto Décio	Microplastics in soil and groundwater: occurrence and transport through environmental matrices	559510	13	26_WT
Walking Talk	Wu Siqi	Impact of polyethylene microplastics on the vertical migration of pesticides in soil	557809	13	26_WT
Poster Talk	Álvarez-Méndez Sergio J.	Study of the occurrence of microplastics in soils and underground water of the Anaga Biosphere Reserve (Tenerife, Canary Islands, Spain)	559712	14	Poster
Poster Talk	da Silva Nathália	Microplastics in the surface waters of a Brazilian Marine Protected Area - Cagarras Archipelago	559166	14	Poster
Poster Talk	Domínguez Hernández Christopher	Results of a three-year monitoring study of two hotspots of massive arrival of microplastics in the Canary Islands (Spain): Playa Grande (Tenerife) and Arenas Blancas (El Hierro)	559669	14	Poster
Poster Talk	Jorgensen Bethany	Protected Areas facing Plastic Pollution	559307	14	Poster
Poster Talk	Tasnim Jarin	Spatiotemporal Distribution of Microplastic Debris in the Surface Beach Sediment of the Southeastern Coast of Bangladesh	544132	14	Poster
Poster Talk	Tunêns Juris	The effect of tourism on microplastic pollution amount in Baltic Sea Region lakes	555346	14	Poster
Poster Talk	Villanova-Solano Cristina	Anthropogenic microparticles presence in <i>Holothuria</i> sanctori from the Macaronesian region	559638	14	Poster
Room Talk	Hellevik Christina	From Analytical to Empathetic: Disruptive Communication for Action-Based Decision-Making	559410	14	24.5.Me
Room Talk	Leemans Eelco	Arctic Plastic Coasts: 7 years investigating beach litter in the Arctic through citizen science	551464	14	24.5.Me
Room Talk	Molina-Rodríguez Ana	Marine microplastics analysis and their transport in the water column of the Canary Islands region	559652	14	24.5.Me
Room Talk	Alvarez-Barrantes Lucrecia	Impact of erodent shape on microplastic breakdown during wind erosion	559073	14	24.6.Me
Room Talk	Rebordosa i Porquet Lia	Emerging pollutants sorbed on beach microplastics. Evaluation in the coast of Gran Canaria (Spain).	566795	14	24.6.Me
Room Talk	Vega-Moreno Daura	Microplastics in the open ocean at different depths in the Canary region: Origin, fate, and composition	559478	14	24.6.Me
Room Talk	Thompson Richard	Microplastic pollution - what have we learned from the last 20 years of research and what are the priorities ahead?	559753	14	Plenary the 24th
Room Talk	Jorgensen Bethany	Understanding experiences of plastic in the UNESCO Biosphere Reserves of Lanzarote & Menorca (Spain): new methods and lessons learned	559307	14	Plenary the 26th
Walking Talk	Baztan Juan	Trends and Extremes in Plastics Pollution	559307	14	24_WT

Bettie Cormier  
&  
Bethany Jorgensen

Walking Talk	Galli Matteo	Paraffin waxes in the North-Western Mediterranean Sea: an underestimated threat in the Pelagos Sanctuary Protected Area	559492	14	24_WT
Walking Talk	Northen Stephanie	Investigating the fate of secondary microplastics and bioplastic alternatives in future climate change scenarios	559759	14	25_WT
Walking Talk	Savage Jessica	Big brands impact small islands: Sources of plastic pollution in a remote and protected archipelago	559428	14	25_WT
Walking Talk	Widmer Laura	Plastic litter pollution on an Egyptian Red Sea beach	559175	14	26_WT
Poster Talk	A. F. Neves Raquel	Microplastics contamination in the proximities of a water treatment station for human supply: Guandu River (Brazil)	559197	15	Poster
Poster Talk	Chaudhary Manish	Fate of Microplastic During Pyrolysis of Sewage Sludge	559711	15	Poster
Poster Talk	Herring Carlie	The United States Federal Plan to Address Microfiber Pollution	559023	15	Poster
Poster Talk	Novak Janja	The effects of polyacrylic acid on the efficiency of a biological wastewater treatment plant	559340	15	Poster
Poster Talk	Rau Cindy	Enrichment of Microplastics from Drinking Water Treatment Sludge	558679	15	Poster
Poster Talk	Tamás Barbara	Combined application of analytical techniques for microplastic determination to achieve comprehensive results for sewage sludge samples	558811	15	Poster
Room Talk	Alimi Olubukola S.	Removal of Microfibers during Wastewater Treatment and their Subsequent Settling Behavior Upon Release in Surface Water	559519	15	26.5.Ma
Room Talk	Allen Libby	Shedding Light on Microfibres: Enhancing Textile Pollution Analysis with Semi-automated Fluorescence Fibre Identification	558456	15	26.5.Ma
Room Talk	Bertoldi Crislaine	Chemical characterization of microplastics from biosolids: a comparison of FTIR and O-PTIR microspectroscopy	559446	15	26.5.Ma
Room Talk	Choi Chun Yin	A novel method for the isolation, characterisation, and quantification of nanoplastic fibres released from synthetic textiles during laundering	559411	15	26.5.Ma
Room Talk	Godoy Verónica	Preliminary prospections on the fate of microplastics during vermicomposting of sewage sludge	557228	15	26.5.Ma
Room Talk	Poerio Teresa	Membrane processes as a highly effective and eco-friendly technology for treating municipal water contaminated with micro- and nanoplastics.	558726	15	26.6.Ma
Room Talk	Romero-Sarmiento Maria-Fernanda	Quantification of textile microfibers from laundry wastewater using the Rock-Eval® device: Difference between natural and synthetic microfiber origins	553036	15	26.6.Ma
Room Talk	Soursou Vasiliki	Simulated degradation of differently manufactured polyester fibres released from laundry	548283	15	26.6.Ma
Room Talk	Vujanović Annamaria	When Technology Meets Sustainability – Microplastic Removal from Industrial Wastewater including impact Analysis and Life Cycle Assessment	559473	15	26.6.Ma
Walking Talk	Betancort Juana R.	Comparative analysis of wastewater treatment technologies to minimize litter and nutrient discharge into the marine environment.	559661	15	24_WT
Walking Talk	Fernandes Andreia	Microfibre shedding during laundry: Assessing the influence of garment use in manual washing conditions	547387	15	24_WT
Walking Talk	Guo Qiaoyu	A Transmission Electron Microscopy and Gyrowash study of micro/nano fibre shed of fleece and polyester laundering	553299	15	25_WT

Julie Forgues  
&  
Maria Murcia



Walking Talk	Hernandez Ezequiel on behalf of Cataldo Macarena	In-Situ Electrochemical Oxidation: A Revolutionary Approach to Degrading Synthetic Microfibers in Laundry Effluent	559012	15	25_WT
Walking Talk	Jesionkowska Joanna	Impact of Sewage Sludge Application on Soil Microplastic Accumulation and Nutrient Levels: Analysis of 22 Years of Data from Central UK Farmland	559734	15	26_WT
Walking Talk	Singh Vandana	Removal of Microplastics via Wastewater Treatment Plants in India: Current knowledge and future directions: A Review	559164	15	26_WT
Poster Talk	Giovanozzi Andrea	21GRD07 PlasticTrace Metrological traceability of measurement data from nano- to small microplastics for a greener environment and food safety	559261	16	Poster
Poster Talk	Hussain Ahmed	Review Of Microplastics Fate in Humans with a Focus on The Urinary System	546327	16	Poster
Poster Talk	Jacquin Léa	Synthesis of model polyethylene particles for the study of nanoplastics in the oceans	557518	16	Poster
Poster Talk	Kurešepi Ema	Cytotoxicity Analysis of Polystyrene Nanoplastics in the Bronchial Epithelial Cell line BEAS-2B	559159	16	Poster
Poster Talk	Liu Xueyan	Comparative evaluation of molecular mechanisms triggered by differently functionalized polystyrene nanoplastics in human colon cell lines	564582	16	Poster
Poster Talk	Palma Carla	Development of analysis methods - sample preparation and analysis, for the measurement of SMPs > 10 µm in environment samples (SPM)	564443	16	Poster
Poster Talk	Pulli Hanna	THE GENOTOXIC AND CARCINOGENIC POTENTIAL OF SECONDARY POLYETHYLENE TEREPHTHALATE NANOPLASTICS CONTAINING TITANIUM DIOXIDE	558853	16	Poster
Poster Talk	Wouters Quinten	Advancements in Optical Techniques for Direct Identification and Localization of Micro- and Nanoplastics in Biological Samples	557033	16	Poster
Poster Talk	Zong Cai	Effects of exposure to Fe3O4-PEG-PLGA nanoparticles on the lung of wild type and Nrf2-KO mice	558665	16	Poster
Room Talk	Laforsch Christian	Microplastics - Understanding the mechanisms and processes of biological effects, transport and formation: From model to complex systems as a basis for new solutions.	564411	16	23.3.Me
Room Talk	Lavinia Casati	Nanoplastic impact on bone microenvironment: A snapshot from murine bone cells.	559009	16	23.3.Me
Room Talk	Liebgoth Chloé	Fate, uptake and impact of fit-for-purpose nanoplastics on the digestive environment: an in vitro-in vivo continuum study	558950	16	23.3.Me
Room Talk	Richard Chloé	The multigenerational effects of nanoplastic exposure on fitness and oxidative stress of Drosophila melanogaster	559092	16	23.3.Me
Room Talk	Wetter Niklaus	Overcoming Resolution Limitations: Spectroscopy of Sub-30 nm Nanoplastics	551630	16	23.3.Me
Room Talk	Barnett Symiah	The production and characterisation of nanoplastic reference material: optimization and method development	558892	16	26.5.Me
Room Talk	Drago Claudia	Sweetening the (microplastics) pill: PET tablets (1-100µm) as candidate reference material for the validation of microplastics measurement	558924	16	26.5.Me
Room Talk	Duswald Kristina	Detection of Nano- and Microplastics in Mammalian Tissue	558837	16	26.5.Me
Room Talk	Ezugbe Elorm Obotey	Flow cytometry analysis of nanoplastics during enhanced coagulation	552420	16	26.5.Me

Conrad Sparks

Room Talk	Koelmans Albert	The distribution and total burden of microplastics in the human body	559101	16	27.6.Ma
Walking Talk	Almeida Mónica	HCT116 and HepG2 as model for human micro(nano)plastic research	559756	16	24_WT
Walking Talk	Duijndam Adriaan	Effect of UV-exposure on Size, Morphology, and Chemical Structure of Polystyrene Nanospheres in Suspension	554808	16	24_WT
Walking Talk	Lomako Ievgeniia	Analytical Tools in Advancing Microplastics Research for Identification and Quantification across Environmental Media: from Sample to Insight	547239	16	25_WT
Walking Talk	Sarau George	Correlative Spectroscopy and Microscopy Analysis of Micro- and Nanoplastics in Complex Biological Matrices	555107	16	25_WT
Walking Talk	Siña Mariella	Microplastics in fecal samples of mammalian terrestrial wildlife in Hong Kong	559479	16	26_WT
Walking Talk	Xu Yanghui	Destabilization of Photochemical Weathered Nanoplastics by Natural Organic Matter in Monovalent Electrolyte Solutions	555697	16	26_WT
Poster Talk	Aloia Rosaria	Optimization of a protocol for the extraction and chemical characterization of microplastics in <i>Chamelea gallina</i> by Raman microspectroscopy	558976	17	Poster
Poster Talk	Bollmann Jan	Characterization of the ecotoxicological model organisms <i>Dreissena bugensis</i> , <i>Daphnia magna</i> and <i>Eisenia fetida</i> employing MALDI mass spectrometry imaging workflows	558917	17	Poster
Poster Talk	Jemec Kokalj Anita	Effects of microplastics from unsmoked and smoked cigarette filters on aquatic and terrestrial invertebrates	558756	17	Poster
Poster Talk	Marçais Bleuenn	Difference in sensitivity of <i>Daphnia magna</i> to pristine and aged microplastic fibers	559198	17	Poster
Poster Talk	Morgana Silvia	Microplastic attachment in the scleractinian coral <i>Pocillopora</i> sp. is affected by colony complexity	559267	17	Poster
Poster Talk	Perc Valentina	Comparison of cell viability assays for evaluating the cytotoxicity of HDPE microparticles in <i>Tetrahymena thermophila</i> (Protozoa, Ciliata)	559241	17	Poster
Poster Talk	Pulido-Reyes Gerardo	Generation, Characterization and Toxicity Analysis of Secondary Nanoplastics and Byproducts from Recycled LDPE on <i>Daphnia magna</i> and <i>Spirodela polyrhiza</i>	559399	17	Poster
Poster Talk	Rodríguez Torres Rocío	Spatial and seasonal distribution of plastic and zooplankton in a continuous environment: Elbe and Thames Rivers and the North Sea.	559619	17	Poster
Poster Talk	Sbarberi Riccardo	Ecotoxicological effects by virgin and sampled plastics on <i>Chironomus riparius</i>	558754	17	Poster
Poster Talk	Semensatto Décio	Ultrapure detergent (Extran®) improves microplastics analysis in surface water samples with planktonic fragments	557627	17	Poster
Room Talk	Cajarville Miren P	Regulation of target genes transcription in copepods <i>Acartia tonsa</i> waterborne or foodborne exposed to naked or metal-doped nanoplastics of different sizes and polymer composition	559709	17	23.5.Me
Room Talk	Catarino Ana I	Combined effects of global warming and microplastic exposure from individual to populational levels of a benthic copepod	559246	17	23.5.Me
Room Talk	Ferreira Mourao Santana Marina	Microplastic contamination of coral reef fish larvae of the Great Barrier Reef: baseline data and influences of oceanographic and ecological features	559389	17	23.5.Me

Penelope Lindeque

Room Talk	Garrard Samantha	Assessing the threat of plastic pollution to coral reef ecosystem service in SE Asia	559703	17	23.5.Me
Room Talk	Hara Jenevieve	Differential Sensitivity of Hemocyte Subpopulations ( <i>Mytilus edulis</i> ) to Aged Polyethylene terephthalate Micro-and-Nanoplastic Particles	558712	17	23.5.Me
Room Talk	Lindeque Penelope	Bioavailability and ingestion of microplastic by zooplankton in the natural environment	559615	17	23.6.Me
Room Talk	Nigro Lara	Evaluation of Water-Soluble Polymers effects on <i>Daphnia magna</i> : Insights from Molecular to Population Levels	558909	17	23.6.Me
Room Talk	Parobková Viktória	Enhancing Microplastic Detection in Biological Tissue with X-ray Computed Tomography	559283	17	23.6.Me
Room Talk	Reilly Katie	Microplastics and movement- exploring behavioural toxicity in <i>Daphnia</i>	559740	17	23.6.Me
Room Talk	Trevisan Rafael	The pivotal role of bioenergetics in characterizing the hazards of polystyrene and polyethylene nanoparticles to bivalve health and development.	559573	17	23.6.Me
Walking Talk	Di Giacinto Federica	Evaluation of human exposure to microplastics and nanoplastics related to the consumption of the striped venus clam <i>Chamelea gallina</i> caught in the Central Adriatic Sea (PLASTICVONG project)	559062	17	24_WT
Walking Talk	Digka Nikoletta	Investigating the combined effects of microplastics and suspended sediment on mussels in controlled experimental conditions.	559342	17	24_WT
Walking Talk	Monchy Sébastien	Impacts of microplastics exposure on copepod ( <i>Eurytemora affinis</i> ) and mussel ( <i>Mytilus edulis</i> ) gut microbiota	557968	17	25_WT
Walking Talk	Riascos José	Ecosystem engineers come to town: how fiddler crabs thriving in heavily polluted urban mangroves process plastic particles	559247	17	25_WT
Walking Talk	Schwarzer Michael	Size dependent uptake and trophic transfer of polystyrene microplastics in unicellular freshwater eukaryotes	559330	17	26_WT
Walking Talk	Sorrentino Rayane	Rising tide of microplastics: contamination in filter-feeding ascidians	559486	17	26_WT
Poster Talk	Deuke Ann-Kristin	Microplastics in freshwater ecosystems - influence of river runoff on microplastic concentrations	558420	18	Poster
Poster Talk	Dixit Sourabh	Microplastic analysis in the sediments of river Ganga and their relationship with ARGs.	559673	18	Poster
Poster Talk	Maciak Joanna	River inflow of microplastics and their distribution in sea areas on the example of the southern Baltic Sea	559385	18	Poster
Poster Talk	Oosterhoff Noortje	Parameterization of microplastic-sediment aggregation for improved fate modelling	558780	18	Poster
Poster Talk	Pierdomenico Martina on behalf of Casalbore Daniele	Microplastics distribution in water and sediments from a rural endoreic lake on the volcanic island of Pantelleria (Central Mediterranean Sea)	559553	18	Poster
Poster Talk	Renard Tiana	Assessing the presence of microplastics in fiddler crabs ( <i>Afruca tangeri</i> ) and sediments of the salt marshes of Cadiz Bay (Spain).	559660	18	Poster
Poster Talk	Svipsta Sanda	Microplastics in river estuaries – assessing seasonality and importance of sample replicas	553431	18	Poster
Poster Talk	Uguagliati Francesca	Microplastic trapping in sandy bedload: insights from flume experiments	558691	18	Poster
Poster Talk	Veloso Rui	Study of the influence of fluvial dynamics on the distribution and transport of microplastics.	559668	18	Poster

Poster Talk	Wu Nan	Modelling the sedimentation of macro-, micro- and nanoplastics in the ocean from surface to sediment	559438	18	Poster
Room Talk	Alonso-Hernandez Carlos	IAEA-NUTEC Plastics Initiative: Contributing to the Global Understanding of Microplastic Pollution in the Ocean	552302	18	26.5.O
Room Talk	Barchiesi Margherita	Adding Depth to Microplastics for Particle Characterization and Assessing Settling Behavior	559487	18	26.5.O
Room Talk	Calabro Guilherme	The role of biofilm and hydrodynamics on the fate of microplastic particles in rivers: an experimental study	559204	18	26.5.O
Room Talk	Cubas Álvaro	Exploring marine debris transport patterns downstream of Gran Canaria using TrackMPD and surface drifters deployed after a marine pollution incident	559522	18	26.5.O
Room Talk	Ebner Ronja	Small in size but big in number – The importance of small coastal streams on the total land-based input of plastic into the oceans	558997	18	26.5.O
Room Talk	Ehlers Sonja	Plasticrust generation and degeneration in rocky intertidal habitats contribute to microplastic pollution	546795	18	26.6.O
Room Talk	Hong Sang Hee	Underestimated land-to-sea microplastic emissions: The crucial role of rainfall events	559422	18	26.6.O
Room Talk	Nash Róisín	Ecoengineering on an artificial causeway: A potential for microplastic hotspots	559176	18	26.6.O
Room Talk	Santi Alberto	Floating microplastic distribution in surface water of the Venice Lagoon and its drainage basin (Italy)	558517	18	26.6.O
Walking Talk	Madricardo Fantina	Acoustic and video remote sensing for monitoring and removal of seafloor macrolitter in the Venice Coastal Area	558876	18	24_WT
Walking Talk	Mani Thomas	The Tidal Trap – Seasonal Transport of Floating Macro-Debris in the Bi-Directional Chao Phraya River Network entering the Gulf of Thailand	558746	18	24_WT
Walking Talk	Perez-Garcia Ámbar	River Plastic Monitoring Workflow: From Satellite to Cloud Computing	552946	18	25_WT
Walking Talk	Schreyere Louise	Macroplastic retention on river floodplains following flood events	558809	18	25_WT
Walking Talk	Silva Lucas Pereira Mendes	Microplastics in sediment samples from the mouth of the Amazon River	558324	18	26_WT
Walking Talk	Wolter Helen	Cross-seasonal plastic flux dynamics in the Chao Phraya River, Bangkok	557575	18	26_WT
Poster Talk	Boukhouiete Amel	Nanocrystalline nickel synthesis by pulsed current	544200	19	Poster
Room Talk	Sciutto Giorgia	Hyperspectral imaging systems (HSI) and chemometric methods for the rapid and direct detection of microplastics	559571	19	25.3.Me
Room Talk	Bertier Gustave	Abiotic degradation of PBAT and LDPE: quantification of generated products by carbon assessment	559329	19	27.2.Ma
Room Talk	Biale Greta	Microwave-assisted pretreatments and analytical pyrolysis for the quantification of microplastics and correlated pollutants	558636	19	27.2.Ma
Room Talk	Brevik John Magnus on behalf of Johansen Jon Eigill	Microplastics Reference Materials: First commercial microplastic reference material from EUROqCHARM. Advancing Environmental Monitoring and Research	559705	19	27.2.Ma
Room Talk	Canga Emine Merve	INVESTIGATION OF THE IMPACT OF MICROWAVE TREATMENT ON THE AGING OF POLYPROPYLENE MICROPLASTICS	557690	19	27.2.Ma
Room Talk	Garcia Martin Jorge	Photo-Fenton Oxidation of Microplastics: Impact of Polymer Nature	558767	19	27.2.Ma

Thomas Mani

Room Talk	Kalčíková Gabriela	Bridging the gap: Environmentally relevant aging of microplastics under laboratory conditions	558700	19	27.3.Ma
Room Talk	Khatib Imane	Nanoplastic/metal interaction under flow conditions: an innovative coupling of microfluidic and spectrometry.	559429	19	27.3.Ma
Room Talk	Peters Julia	Screening for Polymer Degradation using a Modified Method with 14C-radiolabelled Alginate	558798	19	27.3.Ma
Room Talk	Wieland Simon	Nominally identical microplastic models differ greatly in their particle-cell interactions	559582	19	27.3.Ma
Walking Talk	Forakis Josh	Which Polyester Is It? Applying pyrolysis-GC/MS to identify commercial polyesters and standardize microplastics reporting	559006	19	24_WT
Walking Talk	Pacyna-Kuchta Aneta	Pollutant adsorption on microplastic and its release during digestion processes	559747	19	24_WT
Walking Talk	Seeley Meredith	Addressing the complexities of microplastic particles and their effects from the laboratory	559732	19	25_WT
Walking Talk	Soheilian Shadi	Adsorption Mechanism of Copper(II) Ions by Polystyrene Nanoparticles: Impact of UV-Ageing and Particle Size in Aquatic Environments	558787	19	25_WT
Walking Talk	Xie Junhao	Development of Representative Convolutional Neural Network Based Models for Microplastic Spectral Identification	559538	19	26_WT
Walking Talk	Yan Beizhan	Microplastic and Nanoplastic Concentration in Tap Water in the US	559301	19	26_WT
Poster Talk	Fischer Elke	Microplastic retention on beech leaves ( <i>Fagus sylvatica</i> ) - a case study in Collelongo, Abruzzo, Italy	558462	20	Poster
Poster Talk	Mcilwraith Hayley	What influences microplastic trapping in coastal marshes? Exploring vegetation diversity as a driver of accumulation	563601	20	Poster
Poster Talk	Mendoza Amaia	Prevention and control strategies for non-regulated industrial microplastic spills	558879	20	Poster
Poster Talk	Reck David	Microplastics in agroecosystems – A case study on alfalfa ( <i>Medicago sativa</i> ) dedicated for feeding Italian Mediterranean buffalo in Borgo Cioffi (Italy)	557512	20	Poster
Poster Talk	Silvestri Serena	Microplastics in seawater: a study of pretreatment, separation, and recovery.	559468	20	Poster
Poster Talk	Teofilovic Vesna	Optimizing a Controlled Environment for Microplastics Uptake by Aquatic Plants	559523	20	Poster
Room Talk	Green Dannielle	Disposable e-cigarettes may pose a risk to aquatic and terrestrial plants	552543	20	26.6.O
Room Talk	Greenshields Jack	Seagrass Under Siege: Investigating Microplastic Effects on Seagrass Ecosystems	556090	20	27.2.Me
Room Talk	Hvitt Strömvall Ann-Margret	Innovative Bioretention Filters Effectively Remove Microplastics from Polluted Stormwater	559610	20	27.2.Me
Room Talk	Liu Jiaxi	Negative effects of poly (butylene adipate-co-terephthalate) microplastics on <i>Arabidopsis</i> and its root-associated microbiome	558926	20	27.2.Me
Room Talk	Pirredda Michela	Nanoplastics and their combined effects with sulphamethoxazole on the free-floating aquatic plant <i>Lemna major</i>	558872	20	27.2.Me
Room Talk	Proietti Maira	Offshore cleanup operations as a platform for environmental research in the North Pacific Garbage Patch	559426	20	27.3.Me
Room Talk	Shaw Katherine	Novel extraction and separation method reveals high quantities of microplastics in Hawaiian beach sand	559054	20	27.3.Me

Beizhan Yan  
&  
Quino Miguez

Hayley Mcilwraith

Room Talk	Vonberg Hannah	Digging in the Dirt – Determining fate and transport of microplastics in boreal lake sediments at the Experimental Lakes Area (ELA), Ontario, Canada to inform remediation	559693	20	27.3.Me
Room Talk	Willert Madison	Microplastic Removal and Interception: Current Research Funded by the National Sea Grant Office (USA)	559017	20	27.3.Me
Walking Talk	Kannaiyan Neelavannan	Microplastic Pollution in Mangrove Forests of Safwa, Western Arabian Gulf: Distribution, Sources, and Ecological Impact	559551	20	24_WT
Walking Talk	Lemos Goncalves Geslaine Rafaela	Plastic litter trapped in Ghanaian mangroves and sandy beaches	558499	20	24_WT
Walking Talk	Mackechnie Karen	Plastic Abundance in Safaga Egyptian Red Sea Mangroves: Insights from a Recent Survey	559352	20	25_WT
Walking Talk	Mcilwraith Hayley	Microplastic shape influences fate in vegetated wetlands	557071	20	25_WT
Walking Talk	Narayanaswamy Bhavani	Assessing Microplastic Contamination Levels in Ghana's Mangrove Wetlands	558552	20	26_WT
Walking Talk	Rolf Markus	Filter effect of Rhine floodplain vegetation on microplastic deposition during a single flood event in Germany	559074	20	26_WT
Poster Talk	Allison Nicole L.	Modelled and observed plastic pollution on remote Scottish beaches	559750	21	Poster
Poster Talk	El Bergui Adam	Benchmark dataset and classification of marine plastic waste acquired by a remote hyperspectral imaging system embedded on an aquatic drone	559624	21	Poster
Poster Talk	Han Gi Myung	Distribution and characterization of microplastics in marine sediments from coastal and offshore in South Korea	559369	21	Poster
Poster Talk	Hoda Daneshvar	Are we really producing environmentally relevant reference materials for microplastic studies?	559333	21	Poster
Poster Talk	Kim Sooyeon	Assessment of potential ecological risk for microplastic particles	559325	21	Poster
Poster Talk	Leistenschneider Clara	Occurrence and Distribution Patterns of Small Microplastics (11-500µm) in the Southern Weddell Sea off Antarctica	563728	21	Poster
Room Talk	Da Silva Pinto Thalles	Long-term effects of tyre-wear particles ingestion on the physiology, behaviour and reproduction of marine medaka fish ( <i>Oryzias melastigma</i> )	559375	21	27.2.O
Room Talk	De Ruijter Vera N.	A brief history of microplastics effect testing: Guidance and prospect	559161	21	27.2.O
Room Talk	Duengkae Prateep	Microplastics contamination in terrestrial wildlife: the study in carcasses and feces of vertebrate species in western Thailand	559454	21	27.2.O
Room Talk	Egger Matthias	Evaluating the net environmental impact of removing plastic pollution from the North Pacific Garbage Patch	558796	21	27.2.O
Room Talk	Leone Giulia	Experimental Assessment of Biota Removal during Plastic Collection by Plastic Clean-up Mechanisms	559220	21	27.2.O
Room Talk	Lusher Amy	Role of recirculating aquaculture systems (RAS) in the generation and removal of microplastics and additives chemicals	557380	21	27.3.O
Room Talk	Motti Cherie	Subsampling microplastics for chemical characterization and confirmation: assessing efficiency and discussing reliability risks	559323	21	27.3.O
Room Talk	Simón-Sánchez Laura	Beneath the Waves: Vertical and Horizontal Microplastic Distribution in the Gulf of Panama	559658	21	27.3.O

Amy Lusher

Room Talk	Souza Da Silva Éverton	Using machine learning to measure mortality and reproduction of springtails ( <i>Folsomia candida</i> ) in response to microplastics and additives	559677	21	27.3.O
Room Talk	Zhdanov Igor	Distribution of surface microplastics in the Pacific Ocean, Sea of Okhotsk and Sea of Japan	559731	21	27.3.O
Walking Talk	Balestra Valentina	Microplastic and microfibre pollution in Greenland: a preliminary study	559609	21	24_WT
Walking Talk	Cau Alessandro	The project MICROBEEF: MICROplastic effects on marine Benthic Ecosystems Functioning. Preliminary results and call for network.	558996	21	24_WT
Walking Talk	Martynova Anastasiia	Assessment of the total microplastic stock in the Eastern Red Sea	556724	21	25_WT
Walking Talk	Pakhomova Svetlana	Microplastics in the Eurasian Arctic surface water: main sources and drivers of spatiotemporal variability	559388	21	25_WT
Walking Talk	Schmitt Jona	Development of a toolbox for the analysis of microplastic-tissue interactions in two benthic freshwater organisms	559546	21	26_WT
Walking Talk	Vitale Giulia	Small microplastics and other components of microlitter in Arctic invertebrates (Amphipods)	558883	21	26_WT
Poster Talk	Fernández Amira	In vitro bioassays as a tool to evaluate risk assessment of micro and nanoplastics	564408	22	Poster
Poster Talk	Ferreira Raphaela	Quantifying the Influence of Micro and Nanoplastics Characteristics on Cytotoxicity in Caco-2 Cells Through Machine Learning Modelling.	559589	22	Poster
Poster Talk	Ichihara Gaku	Exposure to microplastics/ nanoplastics induces responses of microglia and astrocytes: roles of oxidative stress and autophagy	557054	22	Poster
Poster Talk	Kitamura Yuki	Cytotoxicity of UV-degraded polystyrene nanoplastics in co-culture model of inflammatory bowel disease.	559311	22	Poster
Poster Talk	Lobresca Dolores	Impact of PE and PP nanoplastic particles on placenta trophoblast differentiation	559570	22	Poster
Poster Talk	Mercier-Bonin Muriel	Oral exposure to polyethylene microplastics of adult male mice fed a normal or western-style diet: impact on gut and gut-liver axis homeostasis	558619	22	Poster
Poster Talk	Michelini Sara	Polystyrene nanoparticles affect ultrastructure and surfactant proteins production in A549 cells grown under air-liquid interface conditions.	559339	22	Poster
Poster Talk	Saraceni Astrid	Micro- and Nano-plastics may affect the central regulation of reproduction: insights from in vitro and in vivo studies on GnRH neurons.	559604	22	Poster
Poster Talk	Scholz-Bottcher Barbara on behalf of Durkin Amanda	Determinants of exposure to micro- and nano- plastics in women of reproductive age	558496	22	Poster
Poster Talk	Van Den Berg Annemijne	Origin Matters – Investigating the Immunomodulatory Effects of Primary and Secondary Micro- and Nanoplastics on Human Macrophages.	559336	22	Poster
Room Talk	Baechler Britta	Exposure of U.S. adults to microplastics from commonly-consumed proteins	542509	22	27.5.Ma
Room Talk	Beteille Arthur	Developing Human Noncancer and Reproductive/Developmental Effect Factors for Nano- and Microplastics Exposure in LCA	559532	22	27.5.Ma
Room Talk	Bhavsar Pinal	Microplastics Retrieval from Commercial Rice Brands in India: Characterization, Dietary Exposure, and Risk Assessment	559320	22	27.5.Ma

Muriel Mercier-Bonin

Room Talk	Kaluç Nur	Exploring the Impact of Polyethylene Terephthalate Nanoplastics on Male Reproductive Health: Insights from a Mouse Model Study	558671	22	27.5.Ma
Room Talk	Kaluç Nur	Sub-Chronic Oral Exposure to PET Nanoplastics: Histopathological Effects on Ileum, Liver, and Kidney	558673	22	27.5.Ma
Room Talk	Mair Magdalena	Data driven methods to increase the reliability of microplastics hazard assessment	559345	22	27.6.Ma
Room Talk	Ramsperger Anja Frm	Cellular internalization pathways of environmentally exposed microplastic particles: Phagocytosis or Macropinocytosis?	559317	22	27.6.Ma
Room Talk	Rietdijk Maartje	Exploring immune responses of microplastics exposure using high-dimensional spectral flow cytometry	559440	22	27.6.Ma
Room Talk	Wardani Ira	A Hybrid Perfusion-Diffusion based PBK model for the distribution of nano- and microplastics in the human body	558426	22	27.6.Ma
Walking Talk	Boland Sonja on behalf of Mawas Safaa	Toxicological assessment of benzo(a)pyrene - coated PET nanoplastics in vitro on a 3D model of the human bronchial epithelium	558610	22	24_WT
Walking Talk	Borbely Alexandre	Polystyrene microplastics induce biochemical and metabolism changes in human placental explants	557699	22	24_WT
Walking Talk	Dierkes Jutta	Sex-specific gene expression alterations in response to ingested PVC microplastics in Wistar rats	559171	22	25_WT
Walking Talk	Lane Taylor	The role of exposure scenarios in human health risk assessment for microplastics	558711	22	25_WT
Walking Talk	Lavinia Casati	Unraveling the impact of nanoplastics on bone microenvironment: focus on extracellular vesicle-mediated communication and oxidative stress in multiple myeloma.	558731	22	26_WT
Walking Talk	Rennie Michael	Effects of a microplastic exposure gradient on juvenile lake trout ( <i>Salvelinus namaycush</i> )	558584	22	26_WT
Poster Talk	Aleman Angie	Quantifying fluxes of microplastics from the Magdalena River into the Caribbean Sea	559245	23	Poster
Poster Talk	Amorrortu Barrenetxea June	FLOATING MICROPLASTICS IN THE NEARSHORE OF BARCELONA DURING 2023-2024	559675	23	Poster
Poster Talk	Bernal Inmaculada	Microplastics in sediments: a comparison within zones located worldwide with different impact	559612	23	Poster
Poster Talk	Ha Sung Yong	Assessing the Distribution and Influx of Microplastics into the East Sea of Korea	559398	23	Poster
Poster Talk	Heiskanen Emilia	Sampling large quantities of mid-stream floating river debris reveals recent pollution attributable to major local and global brands	559081	23	Poster
Poster Talk	Mercier Matthieu	Laboratory experiments related to marine plastic pollution: a review of past work and future directions	557073	23	Poster
Poster Talk	Shim Won Joon	Floating macroplastic pollution in Korean coastal and offshore areas	559313	23	Poster
Poster Talk	Siwach Sneha	Tracing the invisible microplastics in river water and fish organs and its implication of riverine ecosystem integrity	547951	23	Poster
Poster Talk	Uehara Takuro	How much are we responsible for removing ocean plastic pollution ?	564047	23	Poster
Room Talk	Alling Vanja	Monitoring Microplastics in the Norwegian Environment	559509	23	27.5.Me
Room Talk	Blanco Vime Jorge	Numerical simulations of non-buoyant plastic dispersion around the Iberian Peninsula	559585	23	27.5.Me



Room Talk	Boulay Anne-Marie (on behalf of Louvet Juliette)	Updated and Comprehensive Characterization Factors for Microplastics in Life Cycle Assessment Considering Multimedia Fate Modelling	559021	23	27.5.Me
Room Talk	Felt Ulrike	Navigating regulatory complexity: Challenges and shifting problem framings in turning microplastics into a European policy object	559629	23	27.5.Me
Room Talk	Hamad Abdulla Al Hammadi	Research Vessel survey & Assessment of Surface Marine Microplastics: A Comparative Study between International water and the United Arab Emirates	543468	23	27.6.Me
Room Talk	Ruiz-Orejón Luis F.	Microplastic Quality assurance and Quality control approaches to enable the comparability of data in European Seas	569298	23	27.6.Me
Room Talk	Semensatto Décio	Microplastics in distal sediments from the mouth of the Amazon River	559723	23	27.6.Me
Walking Talk	Chubarenko Irina	Natural sorting of microplastics in sands of the wave runup zone: why not to use it to ease environmental monitoring?	558463	23	24_WT
Walking Talk	Delorme Astrid	Three-dimensional and temporal evaluation of plastic particles along the shorelines and in the sand-column of O'ahu, Hawai'i	558998	23	24_WT
Walking Talk	Fowler Caitlin	Different levels of litter at two Scottish beaches separated by 300 metres	559421	23	25_WT
Walking Talk	Munkhbat Dolgormaa	The microplastic dynamics between river surface water and sediment compartments	559665	23	25_WT
Walking Talk	Puskic Peter	2D imaging tools for harmonisation in plastic pollution data	559626	23	26_WT
Walking Talk	Vinci Matteo	The EMODnet Chemistry ongoing efforts to support EU and global policies to tackle marine litter issues	557053	23	26_WT
Poster Talk	Antunes Joana	Seasonal Variation of Microplastics in Tagus Estuary and its Interaction with Microbial Community	559646	24	Poster
Poster Talk	Colmenarejo Calero Elvira	Microplastic pollution in Slovenia's groundwater.	559617	24	Poster
Poster Talk	Ding Jiaxing	Evaluating Factors Influencing Microplastic Mobility in Sediments Through Visualization and Experiments	553504	24	Poster
Poster Talk	Klun Barbara	Adsorption properties of polyethylene microplastics as a function of their shape	556542	24	Poster
Poster Talk	Marinho-Reis Amélia Paula	Impact assessment of microplastics in agricultural soils of the Euroregion Galicia and Minho: preliminary results	559505	24	Poster
Poster Talk	Meister Maximilian	Quantifying the effects of different concentrations of Microplastics on and the leaching of dissolved organic carbon in a soil suspension experiment	556800	24	Poster
Poster Talk	Schneidewind Uwe	Microplastics in groundwater: a global analysis	559353	24	Poster
Poster Talk	Semensatto Décio	Microplastics in groundwater: evaluation of sampling methods	559055	24	Poster
Room Talk	Bartkova Simona	Novel droplet-based approach for investigating bacterial biofilm formation on microplastic	553221	24	27.5.O
Room Talk	Consolaro Chiara	Advances in the analysis of relevant microplastic types in agricultural soils	558587	24	27.5.O
Room Talk	Davies Grace	Assessing the suitability of standardised tests to monitor polymer biodegradation in soil	559224	24	27.5.O
Room Talk	Dawson Amanda	And where have you been? Backtracking microplastics using ecocorona composition	546410	24	27.5.O

Room Talk	Joos Lisa	Integrating farmer perspectives in microplastic contamination in arable fields: Insights from the MiCoS project in the Benelux region	559729	24	27.5.O
Room Talk	Kedzierski Mikaël	Microplastics in French soil: from sources to consequences	558984	24	27.6.O
Room Talk	Nguyen Thuy-Dung	A risk assessment framework for fragmenting (micro-) plastics. A case study for polymer coated fertilizers in soil	559358	24	27.6.O
Room Talk	Obonaga Levy	Plastic litter is rapidly colonized and fragmented by distinctive biotic assemblages in mangrove forests	558155	24	27.6.O
Room Talk	Pyl Marine	Comparative role of biofilm-covered microplastic and sand particles as vectors of <sup>14</sup> C-PCB-153 to <i>Paracentrotus lividus</i>	558786	24	27.6.O
Room Talk	Smyth Kelsey	Agricultural versus urban soil: Differences in microplastic profiles for a better understanding of the sources and fate	558834	24	27.6.O
Walking Talk	Calabro Guilherme on behalf of Constant Mel	Prospective study on large microplastics in the soil of urban and rural areas of Hauts de France	559561	24	24_WT
Walking Talk	Krekkelbergh Nick	Detecting and monitoring the leaching of small (< 2 µm) microplastics in soils by fluorescence microscopy	559689	24	24_WT
Walking Talk	Kusumawardani Patria Novita	The Distribution of Pristine and Aged Low Density Polyethylene and Polyethylene Terephthalate Microplastics in Soil Aggregate Fractions	559402	24	25_WT
Walking Talk	Liu Yin	A novel method for magnetic labelling and extraction of small-sized microplastics (4 µm) from soil	558479	24	25_WT
Walking Talk	Martinez Perez Sara	Effects of environmentally relevant mixtures of microplastics on terrestrial organisms	558962	24	26_WT
Walking Talk	Van Buyten Benthe	Macrolitter monitoring in terrestrial fields: from method to application	558740	24	26_WT
Poster Talk	Abreo Neil Angelo	PlasticKillsPH: proposing a dedicated social media page and a hashtag to inform impacts of marine litter to Philippine wildlife	543113	25	Poster
Poster Talk	Andrade José-Manuel on behalf of Falakdin Parisa	A PRELIMINARY COMPARISON OF MICROPLASTIC TYPE, SIZE, AND COMPOSITION IN ATMOSPHERIC AND FOLIAGE SAMPLES IN AN URBAN SCENARIO	558555	25	Poster
Poster Talk	Burdukovska Valentina	First results of citizen science campaign "Plastic Pirates" in Latvia – microplastic pollution in rivers and streams	556385	25	Poster
Poster Talk	Drometer Elena	Addressing the topic "Microplastics in Human Blood" in school? – Connecting school students' and scientists' perspectives	558751	25	Poster
Poster Talk	Fantuzzi Laura	Microplastics and biodiversity profile of UK coastal waters from 4-year monitoring study	559757	25	Poster
Poster Talk	Jemec Kokalj Anita	High-school students' knowledge about and attitudes towards the use of conventional plastics and bioplastics	559634	25	Poster
Poster Talk	Moreno Clément	Citizen engagement : a driver for ocean protection	557978	25	Poster
Poster Talk	Schönberg Janto	Can we investigate microplastic pollution with school students? Experiences from eight years of citizen science research	563511	25	Poster
Poster Talk	Uviedo Oriol	The Surfing for Science citizen science project: 5 years monitoring floating microplastics in the nearshore	559616	25	Poster
Room Talk	Ceballo Juan	Addressing the harmonization of citizen science litter data	559383	25	23.2.Ma
Room Talk	De Frond Hannah	Public awareness and perceptions of ocean plastic pollution and support for solutions in the United States	544250	25	23.2.Ma
Room Talk	Garaventa Francesca	Testing Kayakers as Citizen Scientists for monitoring microplastics in the coastal marine environment	558927	25	23.2.Ma

Room Talk	Hausken Amanda	The Sink is Leaking! – Enabling Citizen Science for Global Mapping of Microplastic Leakage from Coastal Soils	559346	25	23.2.Ma
Room Talk	Merlino Silvia	SeaCleaner Pellets Watch: citizen science approach to collect data and raise awareness on resin pellet problem in EU.	559556	25	23.2.Ma
Room Talk	Poitou Isabelle	Gathering knowledge to take action: the « Zéro Déchet Sauvage” collaborative web platform.	559563	25	23.2.Me
Room Talk	Praetorius Antonia	Science in and with society: insights into synthetic microfibre emissions from textiles with citizen scientists	559758	25	23.2.Me
Room Talk	Smith Natalie	Understanding why people litter cigarette butts in urban and coastal settings.	556231	25	23.2.Me
Room Talk	Pahl Sabine	Next steps for research on society and microplastics	559594	25	Plenary the 26th
Walking Talk	Alvarez-Mieles Gabriela	Maximizing the benefits of plastic interception in rivers – The Ocean Cleanup approach	559212	25	24_WT
Walking Talk	Bichao Helena	Pros and cons with plastic - understanding students' conceptions through drawings and concept maps	559450	25	25_WT
Walking Talk	Cyvin Jardar	360-degree spherical VR presentations as a powerful tool for communicating plastic pollution	559414	25	25_WT
Walking Talk	Di Vito Stefania	Microplastics and freshwaters: main results of the life project Blue Lakes	559596	25	26_WT
Walking Talk	Oliani Paolo	Pelucco's Journey: Teaching Kids About Microplastic Pollution and Ocean Protection	558473	25	26_WT
Poster Talk	Arana Victoria	MICROPLASTIC CONTAMINATION IN BIVALVES: FIRST ASSESSMENT IN THREE COASTAL LAGOONS OF THE COLOMBIAN CARIBBEAN, SOUTH AMERICA	559151	26	Poster
Poster Talk	Gálvez Blanca Virginia	Assessment of Microplastics in Commercial Meat: A Comparison between Raw and Processed Products	559363	26	Poster
Poster Talk	Gómez May	COMPARATIVE STUDY OF MICROPLASTIC INGESTION IN COMMERCIAL FISH SPECIES FROM MACARONESIA	558611	26	Poster
Poster Talk	Laface Federica	First detection and quantification of microplastics down to 100 µm in the southern Tyrrhenian Sea and their possible uptake by different fish species	559749	26	Poster
Poster Talk	López-Rosales Adrián	A reliable analytical method to quantify and characterise microplastics in mussels and clams using gold-coated filters and quantum-cascade laser infrared transfectance imaging (QC-LDIR).	558626	26	Poster
Poster Talk	Mutić Tamara	Comparative analysis of microplastic pollution in commercially relevant seafood across different geographical regions	558446	26	Poster
Poster Talk	Pizzurro Federica	Microplastics exposure in European flat oyster, <i>Ostrea edulis</i> : Evaluation of accumulation and depuration under controlled conditions and molecular assessment of a set of reference genes	557519	26	Poster
Poster Talk	Sanchez Aileen Johayra	Microplastics in Mangrove Clam, <i>Pegophysema philippiana</i> (Reeve, 1850), in Baganga, Davao Oriental, Philippines	549592	26	Poster
Poster Talk	Santos Martínez Adriana	MICROPLASTICS IN WATER AND FISH OF COMMERCIAL INTEREST: DISTRIBUTION AND RELATION TO ECOLOGY IN THE COLOMBIANS CARIBBEAN REGION, SOUTH AMERICA	559667	26	Poster
Poster Talk	Silva Melanie	Microplastics inside bodies: contamination of MPs in <i>Phallusia nigra</i>	559695	26	Poster
Poster Talk	Villarrubia Gómez Patricia	Plastics Pollution and the Planetary Boundaries Framework	564366	26	Poster

Room Talk	Astel Aleksander	Connected Component Labelling in the determination of morphometric features of microplastic particles in samples of different matrices	556544	26	26.2.Ma
Room Talk	Chakraborty Swagata	Addressing the Current Fettle of Bioaccumulation of Microplastics on the Subsequent Perspective of the Aquatic Ecosystem and Health Implications of Commercial Species: A Review	559423	26	26.2.Ma
Room Talk	Frazão Carolina	Effects of micro(nano)plastics on amphibian cell lines	559745	26	26.2.Ma
Room Talk	Nakamoto Rachel	Analysis of plastic ingested by Hawksbill sea turtles in the Central Pacific	559013	26	26.2.Ma
Room Talk	Patsiou Danae	Copper Adsorption on Microplastics: Investigating Toxicity in an In Vitro Digestive Environment	559427	26	26.3.Ma
Room Talk	Phan Samantha	Chemical identification of microplastics in marine organisms from the Ryukyu Archipelago, Japan	559303	26	26.3.Ma
Walking Talk	Mboglen David	First report of plastic and non-plastic microparticles in stomach of slandertail lanternshark and shortspine spurdog from the edge of East China Sea	564326	26	24_WT
Walking Talk	Papini Giulia	Fish size influences microplastic occurrence in target organs	559707	26	24_WT
Walking Talk	Veneruzzo Cody	The pELASTics Project: Using in-field intermittent-flow respirometry to assess Yellow Perch metabolic rates after in-lake mesocosm exposures	556971	26	24_WT
Walking Talk	Piskula Paulina	The first report on the occurrence of microplastics in commercial fish species and surrounding water from the Baltic Sea (Poland)	556553	26	25_WT
Walking Talk	Süssmann Julia	Plastic particles in fresh and processed seafood products from Germany	558730	26	25_WT
Walking Talk	Tamrakar Anjali	First evidence of microplastics in <i>Deveiximentum insidiator</i> from a potential fishing zone in the southeastern Arabian Sea.	559059	26	26_WT
Walking Talk	Torres-Gomez Alvaro	Oxidative and Inflammatory Responses to Virgin and Beached Microplastics in Marine Fish Liver	558983	26	26_WT
Poster Talk	Dukek Paul	Microplastic quantification in environmental water samples by NMR spectroscopy	554310	27	Poster
Poster Talk	Erceg Tamara	Development of aged and pristine polymers open database for the identification of environmentally aged microplastics using pyrolysis-gas chromatography-mass spectrometry	559682	27	Poster
Poster Talk	Harter Sonja	POLYMER-SPECIFIC AND HIGH-AFFINITY BINDING PEPTIDES FOR THE IDENTIFICATION OF MICROPLASTICS IN MIXED SAMPLES	564476	27	Poster
Poster Talk	Ikezawa Yoshio	Microplastic Analysis in River Samples Using Automatic Preparation Device and Pyrolysis-GC/MS	563687	27	Poster
Poster Talk	Kononenko Venno	Effects of microplastics from cigarette filters on two aquatic species and in vitro human lung cells	559439	27	Poster
Poster Talk	Lessa Belone Maria Clara	Challenges on microplastic identification using conventional Raman spectroscopy library	558435	27	Poster
Poster Talk	Luján-Vega Charlene	Evaluating the effectiveness of H <sub>2</sub> O <sub>2</sub> filter cleaning for microplastic analysis	559717	27	Poster
Poster Talk	Meinhart Marcel	Enhancing Microplastic Analysis: Hyperpolarized <sup>129</sup> Xe NMR to Probe Surface Morphologies and Pore Structures	559663	27	Poster
Poster Talk	Morgana Sílvia	Flow cytometry as new promising detection tool for micro and submicron plastic particles	556470	27	Poster

Poster Talk	Novak Sara	Biodistribution of europium-doped polystyrene nanoplastics in a model invertebrate organism	559698	27	Poster
Room Talk	Alasonati Enrica	From Qualitative to Quantitative Measurement of Small Microplastics Using Multi-Detector Field Flow Fractionation Coupled Offline to Microscopy and Raman Spectroscopy	559276	27	25.5.Ma
Room Talk	Antonio Vital Ana Leticia	Predicting the Toxicity of Microplastic Particles Through Machine Learning Models	559370	27	25.5.Ma
Room Talk	Chivas-Joly Carine	Stability and dispersibility of microplastics in experimental exposure medium and detection of nanoplastic fractions by SMLS, SAXS, Raman microscopy, and SEM	554002	27	25.5.Ma
Room Talk	Mandemaker Laurens	Fabrication and characterization of (fluorescent) model nanoplastics for polymer specific detection	559250	27	25.5.Ma
Room Talk	Reynaud Stéphanie	From the synthesis of labeled nanoplastic model materials (isotopic and metallic) to their use in ecotoxicological studies with the detection and quantification analytical methods.	559178	27	25.5.Ma
Room Talk	Manju Sudheer Malavika	Developing nano plastics models to study their fate in the environment.	558399	27	25.6.Ma
Room Talk	Omidikia Nemat	Fully Quantitative analysis of Nano-Plastics in Environmental Samples using TD-PTR-MS and Multivariate Standard Addition	556363	27	25.6.Ma
Room Talk	Qiu Yanning	Leveraging AI tools for Microplastic Data Quality Assessment	559266	27	25.6.Ma
Room Talk	Scholz-Böttcher Barbara	Reliable thermal mass quantification of PVC – An ongoing challenge	558564	27	25.6.Ma
Room Talk	Wolter Helen on behalf of Royer Sarah-Jeanne	Microplastic and nanoplastic analysis methods, tests and reference materials	557208	27	25.6.Ma
Walking Talk	Magazzù Alessandro	Investigation of single sea microplastics by optical and Raman tweezers	552068	27	25_WT
Walking Talk	Sikora Aneta	The power of a multi-technique approach for the reliable quantification of microplastics in water	548792	27	26_WT
Walking Talk	Wardinski Catherine	Quantifying Microplastic Mass in Deep-Sea Sediment Along a Transect in the North Pacific	559036	27	26_WT
Poster Talk	Ahmadi Pouyan	The effect of MP particle characteristics on their lateral displacement in lakes	559158	28	Poster
Poster Talk	D'ascanio Giulia	Combined effects of microplastics contamination and marine heatwaves on carbon cycling in coastal marine sediments	559084	28	Poster
Poster Talk	Morgana Silvia	Low level of microplastics in marine sediment from a shallow-water mud volcano (Northern Tyrrhenian Sea)	558888	28	Poster
Poster Talk	Pequeno João	Microplastic pollution in the Tagus River: Distribution and abundance from the the river mouth to the Portuguese border	559706	28	Poster
Poster Talk	Snekkevik Vilde	Exploring Macroplastic Pollution in Myanmar - First Assessment in the Bago River	559694	28	Poster
Room Talk	Bogner Christina	Microplastics in floodplain soils along the Rhine River in Germany	559153	28	26.2.O
Room Talk	Chaudhary Nidhi	Modelling the Fate of Microplastics in river bed sediments.	559676	28	26.2.O
Room Talk	Friceau Lucas	Spatio and temporal dynamics of microplastic fluxes within the watercourses of a peri-urban watershed	559517	28	26.2.O
Room Talk	Jaszczyszyn Katarzyna	Analysis of microplastic particles in the Pilica River catchment (Poland) using FTIR imaging microscopy	559691	28	26.2.O

Stéphanie Reynaud

Room Talk	Li Chang	Interventions of river network structures on urban aquatic microplastic footprint from a connectivity perspective	559397	28	26.2.O
Room Talk	Maupas Thomas	INNOVATIVE APPROACHES TO MICROPLASTICS ANALYSIS: RAMAN IMAGING SPECTROSCOPY STUDY IN CHOQUEYAPU RIVER BASIN (LA PAZ, BOLIVIA)	559279	28	26.3.O
Room Talk	Nguyen Thi Thao	OCCURRENCE AND CHARACTERISTICS OF MICROPLASTICS IN WATER AND SEDIMENT SAMPLES ALONG THE RED RIVER TO THE GULF OF TONKIN, VIETNAM	563690	28	26.3.O
Room Talk	S R Reshma	SPATIOTEMPORAL DISTRIBUTION OF MICROPLASTICS IN THE CATCHMENT OF LAKE AKKULAM-VELI, KERALA, INDIA	559542	28	26.3.O
Room Talk	Wang Siting	Microplastic Contamination in the Yangtze River: Evaluating Pollution Levels and the Need for Standardized Research Methods	559188	28	26.3.O
Walking Talk	Barbier Jean-Sébastien	Historical trends of microplastic pollution in the Seine River (France) from 1960 to 2020 through the study of sedimentary archives	559372	28	24_WT
Walking Talk	Doyen Périne	Seasonal study of plastic dynamics in a French coastal river	557905	28	24_WT
Walking Talk	Saddi Khim Cathleen	Opportunities of Dataset downsizing for River Plastic Detection	559620	28	25_WT
Walking Talk	Sharma Ekta	Investigating Plastic Pollution Dynamics in the Ganga River: A Study of Freshwater Ecosystems	559205	28	25_WT
Walking Talk	Tasseron Paolo	Riverbank plastic distributions and how to sample them	558554	28	26_WT
Walking Talk	Vercauteren Maaïke	The plastic fingerprint: Temporal and spatial variability in Flanders' riverine plastic pollution	559019	28	26_WT
Poster Talk	Álvarez-Méndez Sergio J.	Determination of microplastics in university interior environments	559715	29	Poster
Room Talk	Jang Yu Lee	Microplastic generation and emission from ship's greywater	559312	29	26.3.Me
Room Talk	Maher Melissa	Not All Microplastics Are Created Equal. Quantifying Efficacy Bias and Validation of Density Separation Methods	559674	29	26.3.Me
Room Talk	Suaria Giuseppe	Seasonal variations in the sinking fluxes of microplastics and textile fibers in an Arctic fjord (Kongsfjorden, Svalbard)	558776	29	26.3.Me
Room Talk	Witzmann Thomas	How Microplastics Crosses the Buoyancy Barrier	557842	29	26.3.Me
Walking Talk	Badola Neha	Metal Adsorption by Naturally Aged Polymers in the River Ganga: An Environmental Assessment	559404	29	24_WT
Walking Talk	Fahrenfeld Nicole	Stormwater microplastic polymer types, particle sizes, and impact of techniques	559566	29	24_WT
Walking Talk	Hernandez Natalie	Microplastic fluxes among environmental compartments in an urban watershed	558629	29	25_WT
Walking Talk	Kukkola Anna	The role of water management and its effect on microplastic transport and fate	559170	29	25_WT
Walking Talk	Sparks Conrad	Characteristics and pollution risks of microplastics in coastal invertebrates adjacent to stormwater outlets of Cape Town	546889	29	26_WT
Walking Talk	Tramoy Romain	Monitoring plastic debris in urban stormwater: fluxes and management issues	559256	29	26_WT
Poster Talk	Almeida Mónica	A new approach to food packaging, a recycling assessment using in vitro strategies	559722	30	Poster
Poster Talk	Alves Ana	Management of agricultural plastic waste in Portugal to prevent microplastics	559521	30	Poster
Poster Talk	Howe Samantha	Canadian activities on plastic pollution	555196	30	Poster

Vilde Snekkevik

Giuseppe Suaria

Poster Talk	Merlino Silvia on behalf of Giugliano Roberta	Italian Pellets Watch: Assessment Of Resin Pellets Distribution, Characterization And Pollutants Absorption	559495	30	Poster
Poster Talk	Oturai Nikoline	Unveiling the Path to Circularity: Harnessing the Power of Mixed Methods for Single-Use Healthcare Plastics	559232	30	Poster
Poster Talk	R. Ndwiga Joy	Tracing the path: A Comprehensive Material Flow Analysis and Reduction Strategies of Single-use Plastic Gloves in Danish Hospitals	559445	30	Poster
Poster Talk	Stojic Natasa	Progress and perspectives in the fight of the Republic of Serbia against microplastics	558635	30	Poster
Room Talk	Hansen Steffen Foss	Possible Approaches to Addressing Existing Plastic Pollution in an International Treaty	559461	30	23.3.Ma
Room Talk	Hoehn Danja P.	What is floating at the surface? A perspective of the UK	559419	30	23.3.Ma
Room Talk	Højberg Marthe	Incorporating Marine Biodiversity Impacts of Macroplastic Debris in Life Cycle Assessments (LCA)	559584	30	23.3.Ma
Room Talk	Kentin Esther	The Revised Draft Text from a Legal Perspective: What Can We Expect from the Plastics Treaty?	559685	30	23.3.Ma
Room Talk	Syberg Kristian	How can Circular Economy be guided by the principles of the waste hierarchy under the new Global Plastic Treaty?	559335	30	23.3.Ma
Room Talk	Lynch Jennifer	Nets to Infrastructure: Quantifying and Recycling ALDFG into Hawai'i-Made and Used Infrastructure	559049	30	26.2.Me
Room Talk	Megill Cara	Paving the road to a circular economy: Analysis of microplastic and plastic additive leachates from asphalt containing recycled plastics in Hawai'i	559041	30	26.2.Me
Room Talk	Sanz Abengozar Isabel	Rapid activation of microplastics by microwave heating	559391	30	26.2.Me
Room Talk	Stevens Katie	Hawai'i's ALDFG Bounty Program Contributes to Removal, Prevention, Recycling, and Partnerships	559131	30	26.2.Me
Room Talk	Winton Samuel	Reflections on the Global Plastics Treaty Process	559746	30	26.2.Me
Walking Talk	Berković Buga	How can science support businesses to tackle the impacts of plastic on biodiversity	559535	30	24_WT
Walking Talk	Cedillo-Gonzalez Erika Iveth	Valorisation of metal-contaminated microplastic waste in the synthesis of porous metal-modified TiO2 semiconductors	558454	30	24_WT
Walking Talk	Ellrich Julius on behalf of Pogoda Bernadette	Characterization of three plastic forms: plasticoncrete, plastimetal and plastisessiles.	559567	30	25_WT
Walking Talk	Fernandes Virginia	Challenges in the Blue Economy: Methods for Digesting and Extracting Microplastics from Marine Resources	559416	30	25_WT
Walking Talk	Lyulin Sergey	Scientific challenges of plastic pollution treaty	559726	30	25_WT
Walking Talk	Taltec Kevin	Understanding and Managing Plastic Pellet Pollution: Insights and Solutions	543648	30	26_WT
Walking Talk	Walker Tony	Tracking Scientific Evidence Based Decision Making in Government Policy Responses to Plastic Pollution	557954	30	26_WT

Kristian Syberg  
&  
Juan Baztan