

Time	Chair	Speaker	Institution	Title
10:00	Introduction	Florian Breider and Vincent Hiroz	EPFL	
10:15	Florian Breider (EPFL)	Montserrat Filella	UNIGE	Towards FAIR data in the field of environmental research on microplastics
10:25	Florian Breider (EPFL)	Patricia Taladriz-Blanco	AMI	Conventional Raman and surface-enhanced Raman spectroscopy to detect and characterize plastic particles
10:35	Florian Breider (EPFL)	Angélique Moraz	Agroscope	Influence of Molecular Weight Variability on Polystyrene Analysis by Py-GC/MS
10:45	Florian Breider (EPFL)	Guillaume Crosset-Perrotin	Eawag	Removal of Microplastics in the Activated Sludge Process Through the Formation of Heteroaggregates
10:55	Florian Breider (EPFL)	Narain Ashta	Empa	Quantifying the wet and dry atmospheric deposition of microplastics in Switzerland – validation of sample collection and analytical methods, and some early results from a monitoring study
11:05	Coffee break			
11:35	Alexandra Kroll (Ecotox Center)	Md Atiur Rahman	Empa	Quantification of atmospheric deposition of tire road-wear particles (TRWPs)
11:45	Alexandra Kroll (Ecotox Center)	Tobias Borgmeyer	EPFL	Understanding the surface functionality of (micro-)plastics: a physico-chemical mapping of two (bio-based) polymers.
11:55	Alexandra Kroll (Ecotox Center)	David Mennekes	ETHZ	Sedimentation of microplastics in a flume experiment
12:05	Alexandra Kroll (Ecotox Center)	Andreas Cramer	ETHZ	Water flow and MP distribution in sandy soils quantified with neutron and X-ray imaging methods
12:15	Alexandra Kroll (Ecotox Center)	Florian Storck	BAFU / FOEN	Microplastic - campaign in the Rhine for the comparison of different sampling methods
12:25	Lunch			
13:40	Montserrat Filella (UNIGE)	Fulvio Di Lorenzo	FHNW	The fate of microplastic in agricultural soil
13:50	Montserrat Filella (UNIGE)	Federica Rotta	SUPSI	Microplastics vertical variability in subsurface waters of the deep stratified lake
14:00	Montserrat Filella (UNIGE)	Serena M. Abel	UNIBAS	Microplastic in Swiss Alpine lentic waters: the case of Lake Cadagno
14:10	Montserrat Filella (UNIGE)	Priscilla Carrillo-Barragan	UNIBAS	Microbial colonisation of polyethylene in Antarctic and Atlantic Ocean waters
14:20	Montserrat Filella (UNIGE)	Roman Schefer	ETHZ	A Two-Year Incubation Study: Investigating the Vertical Transport of Microplastics in Soil and its Impact on Soil Pore Development
14:30	Thibault Masset (EPFL)	Anne Louise de Melo Does	EPFL	Investigation of TWPs in lake sediment: Analytical approach to the presence of tire additives in Swiss lakes
14:40	Thibault Masset (EPFL)	Francesco Parrella	ETHZ	Microplastics settling in turbid waters: impacts of natural suspended sediments on deposition rates

14:50	Thibault Masset (EPFL)	Florian Odic	ETHZ	Incorporation of micro and nano plastics in sea ice under turbulent conditions
15:00	Thibault Masset (EPFL)	Danyang Jiang	Empa / ETHZ	Advancing plastic release modeling: updating emission flows and extending the system boundary from Switzerland to Europe
15:10	Thibault Masset (EPFL)	Emanuele Dalasso	EPFL	ADOPT: AI for Detecting Ocean Plastic Pollution with Tracking
15:20 Coffee Break				
15:50	Florian Breider (EPFL)	Silvan Arn	ETHZ	Quantification of hyphae on poly-3-hydroxybutyrate-co-3-hydroxyhexanoate films imaged by scanning electron microscopy
16:00	Florian Breider (EPFL)	Flora Wille	ETHZ	Biodegradable mulch films in agricultural soils: the effect of temperature on biodegradation dynamics
16:10	Myriam Borgatta (UNISanté)	Alan Bergmann	Ecotox Center	Estrogenic, genotoxic, and antibacterial effects of chemicals from cryogenically milled tire tread
16:20	Myriam Borgatta (UNISanté)	Christopher Whitshaw	ETHZ	Nanoplastics in Terrestrial Ecosystems: Linking Exposure to Effects Through Dose-Response Relationships
16:30	Myriam Borgatta (UNISanté)	Elsa Schmidt	Ecotox Center	Assessment of micro- and nano-plastic transfer and toxicity in the sediment-dwelling invertebrate <i>Chironomus riparius</i>
16:40	Florian Breider (EPFL)	Myriam Borgatta	UNISanté	Inhalation of microplastics and human toxicological studies
16:50	Myriam Borgatta (UNISanté)	Thibault Masset	EPFL	The invisible footprint of climbing shoes: high exposure to rubber additives in indoor facilities
17:00	Myriam Borgatta (UNISanté)	Juan MG Góngora	EPFL	A methodological approach to evaluate LDIR imaging capabilities for MPs differentiation in lung tissue
17:10	Myriam Borgatta (UNISanté)	Lindsey Parkinson	Food Packaging Forum	A systematic overview of food packaging as a source of micro- and nanoplastics in food
17:20	Myriam Borgatta (UNISanté)	Jane Muncke	Food Packaging Forum	Towards a legally binding global treaty to end plastic pollution: Update on the process, and how to get involved
17:30 Warp-Up (10 min)				
17:35 Aperó				
19:00 End of the meeting				