

Agenda (Microplastic – CH III meeting: 06.05.2022):

09.30– 10.00: Welcome and coffee at Adolphe Merkle Institute in Fribourg Adolphe Merkle Institute (**Chem. des Verdiers 4, 1700 Fribourg, Main Auditorium, 3rd Floor**)

10.00 – 10.15: Introduction and information about the submitted NRP proposal (Ralf Kägi)

10.15 – 10.35: Presentation: Bafu (Florian Storck)

- Microplastic from the perspective of Bafu

10.35 – 11.00: Coffee break

11.00 – 13.00: Early stage researcher I (Chair Alke Fink)

- 12 presentation from early stage researchers. The presentation will be limited to 5 minutes followed by 5 minutes of discussion.

13.00 – 14.00: Lunch break (Catering)

14.00 – 15.40: Early stage researcher II (Chair Barbara Rothen-Rutishauser)

- 11 presentation from early stage researchers. The presentation will be limited to 5 minutes followed by 5 minutes of discussion.

15.40 – 16.00: Wrap up and future actions (timelines, who does what, next date, next organizer, which format)

16.00 – : Aperó

Presenters and titles

1	Tunali	Merve	Empa	Towards including microplastics in LCA: Derivation of Effect Factors of Microplastics for Soil Ecotoxicity
2	Mennekes	David	Empa	Modeling polymer-specific transport of microplastics in freshwaters at high spatial resolution at the country-scale
3	Chen	Liyuan	Empa	Probabilistic Material Flow Analysis of Eight Commodity Plastics in China: Comparison between 2017 and 2020
4	Yang	Tong	Empa	Release of Microplastic Fibers (MPFs) and Fibrils during Abrasion of 12 Polyester Textiles
5	Dudéfoi	William	Eawag	Mechanistic insights into the potential bioavailability and toxicity of tire and road wear particles by applying fish cell and invertebrate models
6	Bergmann	AllanJames	Oekotoxzentrum	Mechanistic insights into the potential bioavailability and toxicity of tire and road wear particles by applying fish cell and invertebrate models: I
7	Masset	Thibault	EPFL	Mechanistic insights into the potential bioavailability and toxicity of tire and road wear particles by applying fish cell and invertebrate models: II
8	Carles	Louis	Eawag	Evaluating the impact of nanoplastics on stream periphyton and benthic food chains
9	Zimmermann	Lisa	FPF	The AURORA project: Researching early life health impacts of micro- and nanoplastics
10	Caldwell	Jessica	AMI	Assessing Microplastic Interaction with <i>Cassiopea</i> sp. Jellyfish through Correlation of Light and Electron Microscopy
11	Murazzi	Maria	WSL	Can forest trees take up and transport nanoplastics?
12	Nunez	Jonathan	ETHZ	Disentangling microplastics effects on soil structure, microbial activity and greenhouse gas emissions
13	Arn	Silvan	ETHZ	Biodegradable Plastics: from structural to water-soluble functional polymers: I
14	Kleemann	Kevin	ETHZ	Biodegradable Plastics: from structural to water-soluble functional polymers: II
15	Laszakovits	Juliana Rose	ETHZ	Biodegradable Plastics: from structural to water-soluble functional polymers: III
16	Ruethi	Joel	WSL	The alpine plastisphere microbiome and its plastic degradation potential
17	Moraz	Angélique	Agroscope	Microplastics in soil: establishment and validation of an analytical method & first screening
18	Crosset	Guillaume	Eawag	Are Wastewater Treatment Plants Relevant Sources for Microplastics in Surface Waters?
19	Ashra	Narain	Empa	Quantifying the wet and dry atmospheric deposition of microplastics in Switzerland using analytical methods harmonized across environmental matrices
20	Rotta	Frederica	SUSPI	Freshwater microplastic pollution: a watershed approach
21	Pradel	Alice	ETHZ	Micro- and nanoplastic transfer in freezing saltwater: implications for their fate in polar waters
22	Foetisch	Alexandra	Uni Bern	Investigation of plastic aging by STXM
23	Solwik	Lay	PSI	Microplastics detection in water using single particle aerosol mass spectrometry



How to get there:

<https://www.ami.swiss/en/about-us/contact/>

