



7th Late Summer Workshop

Hotel Seehof, Lake of Haltern
September 25th - September 28th, 2016

"Microplastics in the aquatic environment"

- Programme Update -

Sunday, 25th September

16.30 – 18.30	◆ Registration	Conference Office
19.00	- Dinner -	Restaurant
Afterwards	- Cometogether for a cocktail -	Hotel-Bar

– End of day 1 –

Monday, 26th September

9.00 – 9.15	◆ Prof. Dr. Torsten C. Schmidt, <i>Chair of Water Chemistry Society, University Duisburg-Essen, DE:</i> Welcome and opening remarks	Conference room "Drusus/Caesar"
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Chair: Dr. Thorsten Hüffer

9.15 – 10.15	◆ Dr. Heather Leslie, <i>VU University Amsterdam, NL:</i> Microplastics: What are we measuring and why
10.15 – 10.45	◆ Thomas Mani, <i>University of Basel, CH:</i> Microplastics in Different Compartments of the Rhine River

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Monday, 26th September

10.45 – 12.00 - Coffee break & Poster time – Room "Cicero"

Conference room "Drusus/Caesar"

12.00 – 12.30 ♦ **Dr.-Ing. Stephan Wagner,**
Helmholtz-Centre for Environmental Research - UFZ, Leipzig, DE:
Attempts to determine plastic loads in an urban creek

12.30 – 13.00 ♦ **Stefanie Hatzky,**
Federal Institute of Hydrology, Koblenz, DE:
A new approach in processing freshwater suspended particulate matter for separating microplastics

13.00 – 16.00 - Lunch & Poster time - Restaurant + Room "Cicero"

Chair: Prof. Dr. Thilo Hofmann Conference room "Drusus/Caesar"

16.00 – 17.00 ♦ **Dr. Gunnar Gerdts,**
Alfred Wegener Institute Helmholtz Centre for polar and marine research, Helgoland, DE:
Microplastics: Hype or threat?

17.00 – 17.30 ♦ **Marie Therese Kettner,**
IGB - Leibniz-Institute of Freshwater Ecology and Inland Fisheries, Stechlin – OT Neuglobsow, DE:
Illuminating the Eukaryotic Life in the Plastisphere

18.00 – 20.00 - Dinner - Restaurant

Conference room "Drusus/Caesar"

20.00 – 20.30 ♦ **Dr. Denise Mitrano,**
Empa – Swiss Federal Laboratories for Materials Science and Technology, St. Gallen, CH:
Synthetic textiles as a source of microplastics from households



Monday, 26th September

Chair: Prof. Dr. Thomas Ternes

20.30 – 21.30 ♦ **Dr. Kara Lavender Law,**
Sea Education Association, Falmouth, USA:
Global budget of floating MP in marine systems

Afterwards - *Cometogether* -

[Hotel-Bar](#)

– End of day 2 –

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Tuesday, 27th September

Chair: Prof. Dr.-Ing. Martin Jekel

Conference room "Drusus/Caesar"

9.00 – 10.00 ♦ **Dr. Natalia Ivleva,**
Technical University of Munich, DE:
Identification and quantification of microplastics in environmental samples

10.00 – 10.30 ♦ **Svenja Mintenig,**
Utrecht University, NL:
Closing the gap between small and smaller: Towards an analytical protocol for the detection of Micro- and Nanoplastic in freshwater systems

10.30 – 12.00 - *Coffee break & Poster time* –

Room "Cicero"

12.00 – 12.30 ♦ **Gerrit Renner**
Hochschule Niederrhein/University of Duisburg-Essen, Krefeld, DE:
A new chemometric approach for the characterization of microplastics in the marine environment using FTIR spectroscopy

Conference room "Drusus/Caesar"

Chair: Dr. Martin Wagner

12.30 – 13.30 ♦ **Prof. Tamara Galloway**
University of Exeter, UK:
Bioaccumulation and biological effects of microplastics in marine animals

13.30 – 16.00 - *Lunch & Poster time* –

Restaurant + Room "Cicero"

16.00 – 16.30 ♦ **Sinja Rist,**
Technical University of Denmark, Kgs. Lyngby, DK:
Size-dependent ingestion of microplastics in *Daphnia magna* and interactions with feeding and reproduction

Conference room "Drusus/Caesar"



Tuesday, 27th September

- 16.30 – 17.00 ♦ **Giedre Ašmonaitė**,
University of Gothenburg, SE:
Ingestion of experimentally contaminated microplastics causes changes in fish biomarker responses
- 17.00 – 17.30 ♦ **Qiqing Chen**,
RWTH Aachen University, DE:
Effects of micro- and nanoplastics on 17 α -ethinyl estradiol bioconcentration and toxicity on neuronal development in zebrafish larvae
- From 18.00 ♦ *Dinner* [Halturner Seeterrassen](#)
Barbecue at lido Lake of Haltern

– End of day 3 –

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Wednesday, 28th September

Chair: Dr. Friederike Vietoris

Conference room "Drusus/Caesar"

- 9.00 – 10.00 ♦ **Prof. Rainer Lohmann,**
University of Rhode Island, Narragansett, USA:
Organic pollutants - sorption to plastics – transport and fate in the oceans
- 10.00 – 10.30 ♦ **Christoph Rummel,**
Helmholtz-Centre for Environmental Research - UFZ, Leipzig, DE:
A diet including 40 % polyethylene microspheres did not significantly alter elimination kinetics of polychlorinated biphenyls from Rainbow Trout
- 10.30 – 11.15 - *Coffee break* – Lobby
- 11.15 – 11.45 ♦ **Berit Gewert,**
Stockholm University, SE:
Development of a weathering laboratory protocol for plastic materials and identification of their leachates

Conference room "Drusus/Caesar"

Chair: Prof. Dr. Thomas Knepper

- 11.45 – 12.45 ♦ **Dr. Marcus Eriksen,**
5 Gyres Institute, , Santa Monica, USA:
Plastic Marine Pollution: Solutions to create a true circular economy
- 12.45 – 13.00 ♦ **Prof. Dr. Torsten Schmidt,**
Chair of Water Chemistry Society, University Duisburg-Essen:
Closing remarks
- 13.00 - *Lunch* - Restaurant

– End of workshop –