



UNIVERSITÄT  
BAYREUTH



# Early Career Researcher Event University of Bayreuth

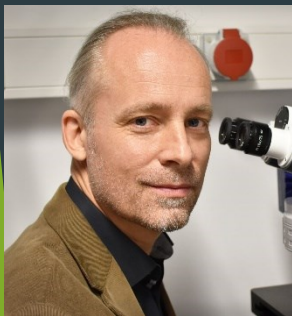
11<sup>th</sup> – 13<sup>th</sup> November 2024



## ‘Navigating Towards Microplastic Regulations’

[Register now](#) for the full workshop, including interactive quiz, poster presentations, lightning talks, lab tours and excursions

### Confirmed Speakers:



Prof Dr Christian  
Laforsch



Dr Rudolf  
Reuther



Dr Giorgia  
Carratta



Dr Ulrike  
Braun



Dr Markus  
Lukas



PlasticsFatE has received funding from the European Union's Horizon 2020 Research and Innovation programme, under the Grant Agreement number 965367

# Programme

Monday 11<sup>th</sup> November

Early Career Researcher Event  
University of Bayreuth

11:00	Arrival at SWO Conference Room	<i>The Organising Committee</i>
13:00	Welcome to the Workshop <b>"Navigating towards Microplastic Regulations"</b>	<i>Prof. Dr. Christian Laforsch, University of Bayreuth</i>
13:15	Collaborative Research Centre CRC 1357 Microplastics	<i>Prof. Dr. Christian Laforsch, University of Bayreuth</i>
13:45	Plastics Fate and Effects in the human body <u>EU Project PlasticsFatE</u>	<i>Dr Rudolf Reuther, Environmental Assessments</i>
14:15	Microplastic Pollution: Legal Perspectives from International and EU Law	<i>Dr. Giorgia Carratta, University of Münster</i>
14:45	Coffee Break	
15:15	The WHY and HOW of microplastic standardisation	<i>Dr. Ulrike Braun, Federal Environment Agency</i>
15:45	Challenges in the practical realization of microplastic standardisation	<i>Dr. Markus Lukas, Federal Environment Agency</i>
16:15	Interactive Quiz	
16:30	Close	
19:00	Conference Dinner	



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# Programme

Tuesday 12<sup>th</sup> November

Early Career Researcher Event  
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- 09:00 Welcome
- 09:05 Scientific Networking (Workshop, Talk, Interactive Exchange)  
What networks are already here?  
How do we build and foster networks?  
Why do we need networks?
- 09:20 ECRs - Lightning Talks I :  
Selected Poster Presentations. (1 slide in 3 min, max. 10-15 talks)
- Coffee Break
- 10:15 ECRs - Lightning Talks II:  
Selected Poster Presentations (1 slide in 3 min, max. 10-15 talks)
- 10:45
- 12:00 Lunch
- 13:30 ECRs - Poster Session I
- 14:30 Coffee Break
- 15:00 ECRs - Poster Session II
- 16:00 Excursion (Optional)
- 19:00 Self-paid dinner at Winterdorf (Glühwein, Würstel, Crepes)

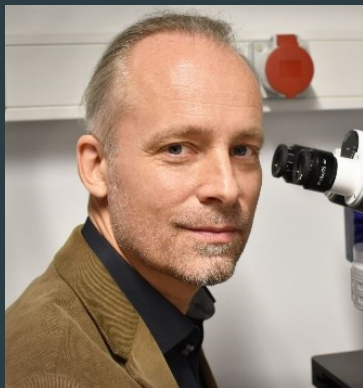
## Wednesday 13<sup>th</sup> November

- 10:00 Welcome & Group Formation *Dr Anja Ramsperger*
- 10:30 Parallel Lab Tours *PhD Guides*
- 12:00 Close *Prof. Dr. Christian Laforsch,  
University of Bayreuth*
- Lunch



# Introducing the Speakers:

Early Career Researcher Event  
University of Bayreuth



Prof. Dr. Christian Laforsch studied biology at the LMU Munich, where he graduated in 1999. He obtained his doctorate with honours in 2003: summa cum laude (Dr. rer. Nat). In 2012 he was appointed to the Chair of Animal Ecology I at the Faculty of Biology, Chemistry and Earth Sciences at the University of Bayreuth. Since 2021 he has been the Co-Speaker 'Ecosystems under Global Change' Bavarian State Ministry of Science and the Arts, and spokesperson since 2020 for Linnoplast (Horizon2020: Marie Skłodowska-Curie Action (MSCA) Innovative Training Network (ITN)). Since 2019 he is spokesperson for CRC 1357 Microplastics (DFG) Understanding the mechanisms and processes of biological effects, transport and formation: From model to complex system as a basis for new solutions. 2016-2020 he was Spokesperson PLAWES, microplastic contamination in the Weser and Wadden Sea model system ('Plastic in the environment - sources, sinks, solutions'; BMBF programme 'Research for Sustainable Development' (FONA3)).



Dr Rudolf Reuther is the head of Environmental Assessments (ENAS) and holds a PhD in geochemistry from Heidelberg University (1983). He has been a researcher and consultant for almost 40 years in the fields of environmental monitoring and risk assessment of chemicals, including metals, persistent organics and engineered nanomaterials. He specializes in the chemical characterization and eco-toxicology testing of pollutants to assess their behaviour, fate and effects in various natural and waste systems. Rudolf has initiated and managed many international research and consulting projects with a focus on the impact assessment of activities mainly from the metal and mining, chemicals, and pulp and paper industry. He coordinated the EU FP7 NanoSustain and NanoValid projects and was the project manager of NanoDefine. More recently, he was one of the coordinators of the EU H2020 BIORIMA project and responsible for the scientific coordination of the EU H2020 NANORIGO project. Currently, he is the scientific coordinator of the EC-funded PlasticsFatE project researching the effects of micro- and nano-plastics on human health.



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Dr Giorgia Carratta is a postdoctoral researcher at the University of Münster, Institute of Industrial Chemistry. She is currently working on the interdisciplinary project "BIOSTORE: Biologisation of Batteries and Materials", in which she is investigating the impact of bio-based innovations on companies, politics and the public. Dr Carratta has worked extensively on the legal situation of plastic and microplastic pollution as part of the EU-funded research project "LimnoPlast". She holds a PhD in Economics and Business Administration from the HHL Leipzig Graduate School of Management (Germany) and a Bachelor's and Master's degree in Law from the University of Salento (Italy). Her expertise ranges from environmental and energy law to global environmental policy and sustainability.



Dr Ulrike Braun is the head of section "Waste Water Analysis, Monitoring Methods" at Federal Environment Agency, Germany. She studied chemistry in Frankfurt/Main, Germany, and was employed from 2001 to 2020 at the Federal Institute for Materials Research and Testing with various topics on the characterization and resistance of polymeric materials. Between 2015 and 2020 she coordinated various projects related to microplastics in environment, her area of specialization was the development of thermo-analytic methods for the detection of microplastics. Now she is strongly active as convenor of various standardization committees at DIN, CEN or ISO level in the field of "plastics" and "water quality".



Dr. Marcus Lukas is a senior research assistant and laboratory head in the section "Waste Water Analysis, Monitoring Methods" at Federal Environment Agency, Germany. He studied biology in Potsdam and was employed at the University of Potsdam on aquatic ecophysiology (incl. doctorate). Since 2015 he is research associate at the Federal Environment Agency with topics of chemical classification and pesticide approval. In 2018 he changed to the head of the biology laboratory, meanwhile which a focus on the ecotoxicological effects of plastics/ microplastics and PCR analysis on waste water (polymerase chain reaction). Marcus Lukas is convenor, project leader and expert in various standardization group in the field of "water testing / biological methods" on national and international level.



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## How to find us:

University of Bayreuth  
SWO Conference Room, University of Bayreuth, Germany  
([Link](#))

## Recommended Accommodation:

First Boarding Bayreuth (close to campus & highway exit "Bayreuth Süd")  
([Link](#))

Hotel Rheingold (City Centre, 15 min from train station, underground garage)  
([Link](#))

Hotel Bayerischer Hof, IBIS (next to train station)  
([Link](#))

BnB Hotel (City Centre)  
([Link](#))

## Next Steps:

[Register here](#) and select your dietary preferences, your choice of excursion activities, and provide some brief details about your poster  
([Link](#))

