



# MICRO- AND NANOPLASTIC

## WORKSHOP

Discover the latest findings on microplastics and nanoplastics.

Environment and Health

Understanding, Analysing, Preventing

Poster Session & Keynote Speakers

Scientific insights and innovative solutions.



12-13 November 2026



Registration Open



SmartMembranes GmbH, Halle (Saale), Germany



Poster submissions welcome



### Registration

Scan to register or visit  
[app.guestoo.de](https://app.guestoo.de)

## Program

### Thursday, 12 November 2026

- **12:00–13:00**  
Registration and welcome snack
- **13:00–13:15**  
Official opening (Prof. Ralf Wehrspohn, Dr. Monika Lelonek)
- **13:15–15:15**  
**Session 1: Analytics & Reference Materials**
- **13:15–13:45**  
BAM – Reference materials and harmonization in micro- and nanoplastic analysis (Dr. Korinna Altmann)
- **13:45–14:30**  
German Environment Agency – Overview of regulatory initiatives and current standardization in the field of microplastics (Dr. Ulrike Braun)
- **14:30–15:00**  
Photothermal Spectroscopy Corp GmbH – Smaller Plastics, Bigger Risks: Correlative Raman and O-PTIR Microspectroscopy for High-Confidence Identification of Submicron Microplastics (Dr. Miriam Unger)
- **15:00–15:15**  
SmartMembranes GmbH – Advanced Micro- and Nanoplastic Filtration System (Dr. Hardik Vaghasiya)
- **15:15–15:45**  
Coffee break and poster session
- **15:45–17:00**  
**Session 2: Impact and Relevance**
- **15:45–16:00**  
UMH – Cardiovascular impact of MP/NPs (Dr. Lars Saemann)
- **16:00–16:30**  
KIAST – Detecting Micro- and Nanoplastics in Complex Matrices: Utilizing 450 Si Filters for Biological and Drinking Water Samples (Dr. Jaehak Jung)
- **16:30–17:00**  
Fraunhofer ISIT – Microfabrication of Sub-Micron Pore Filters: Ready-to-Analyze Si Membranes for Microplastic Characterization (Dr. Jeong-Yeon Hwang)
- **From 17:30**  
Social event
- **From 19:00**  
Dinner at Wenzel Prager Bierstuben

### Friday, 13 November 2026

- **09:00**  
Welcome and schedule for the day (Dr. Monika Lelonek)
- **09:00–10:30**  
**Workshop 1: Filtration in Theory and Practice**
- **10:30–11:00**  
Coffee break with poster session
- **11:00–11:30**  
HORIBA Scientific – Raman spectroscopy for Microplastics analysis: assessing human exposure (Dr. Alina Maltseva)
- **11:30–13:00**  
**Workshop 2: Analytics and Detection Methods**
- **13:00–14:00**  
LabTour SmartMembranes (Dr. Monika Lelonek) and BCMC (Stephanie Rupf)
- **14:00**  
Discussion (Prof. Ralf Wehrspohn, Dr. Monika Lelonek)
- **From 14:30**  
End of the workshop

