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MARTIN-LUTHER-UNIVERSITÄT
HALLE-WITTENBERG

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

12 Nov: Biozentrum
Weinbergweg 22, Halle (Saale)
13 Nov: SmartMembranes GmbH
Heinrich-Damerow-Str. 4, Entrance C, Halle (Saale)

Including poster session



SmartMembranes GmbH
Heinrich-Damerow-Str. 4, 06120 Halle (Saale), Germany | +49 345 1351-7453 | sales@smartmembranes.de

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Program

Thursday, 12 November 2026

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

Friday, 13 November 2026

- **09:00–09:15**
  Welcome and schedule for the day (Dr. Monika Lelonek)
- **09:15–09:30**
  University Hospital Halle – Cardiovascular impact of MP/NPs (Dr. Lars Saemann)
- **09:30–10:00**
  HORIBA Scientific – Raman spectroscopy for Microplastics analysis: assessing human exposure (Dr. Alina Maltseva)
- **10:00–10:15**
  Workshop Introduction (Dr. Hardik Vaghasiya)
- **10:15–11:00**
  LabTour SmartMembranes (Dr. Piotr Pawlik, Hannes Knispel) and BCMC (Stephanie Rupf)
- **11:00–11:15**
  Coffee break with poster session
- **11:15–13:00**
  Workshop: Filtration and Analytics (practical part) (Dr. Hardik Vaghasiya, Hoang-Thinh Nguyen, Susanne Grammsal)
- **13:00–14:00**
  Lunch
- **14:00**
  Discussion (Prof. Ralf Wehrspohn, Dr. Monika Lelonek)
- **From 14:30**
  End of the workshop

