

LOCATION

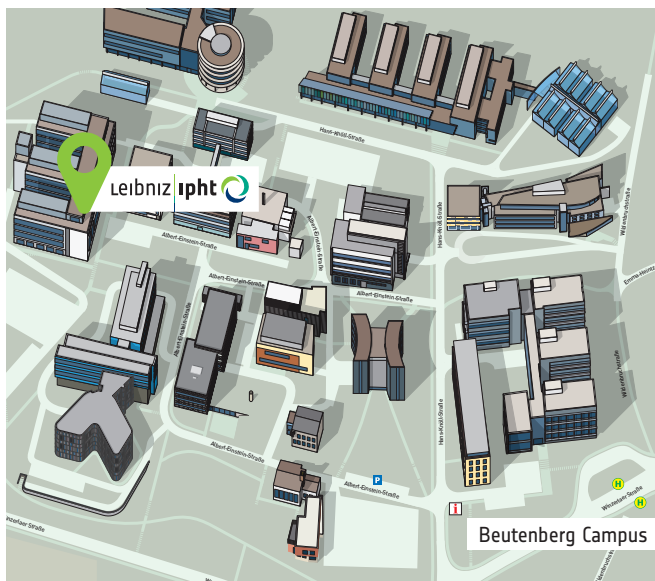
LEIBNIZ INSTITUTE OF PHOTONIC TECHNOLOGY

Albert-Einstein-Str. 9

07745 Jena

Germany

www.leibniz-ipht.de



The Training school is based upon work from COST Action CA20101 PRIORITY, supported by COST (European Cooperation in Science and Technology).



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PRIORITY Training School

**RECENT TRENDS
IN MICROPLASTIC RESEARCH**

MAY 22 – MAY 26, 2023

Leibniz IPHT // Beutenberg Campus // Jena

Organizers: Julia Böke & Wolfgang Fritzsche

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PROGRAM

MONDAY, MAY 22, 2023

9:00 Registration with Coffee / Hang up Posters

10:00 Welcome // Wolfgang Fritzsche, Julia Böke

10:30 Intro Fluorescence Microscopy // Rainer Heintzmann

11:15 Poster Pitch Presentation (max. 2 min / presentation)

12:30 Mindfulness Training // Asena Boyadzhieva

13:00 LUNCH

14:30 Poster Pitch Presentation (max. 2 min / presentation)

15:45 BREAK

16:00 Development of a Nile Red Staining Protocol //
Srumika Konde

17:00 NETWORKING EVENING AND POSTER SESSION (BBQ)

TUESDAY, MAY 23, 2023

9:00 Welcome

9:15 Intro Vibrational Spectroscopy // Michael Schmitt

10:00 Intro Microscopy and Imaging // Aurélie Jost

10:45 COFFEE BREAK

11:15 O-PTIR and LDIR for Microplastics // Christoph Krafft

12:15 Mindfulness Training // Asena Boyadzhieva

13:00 LUNCH

14:30 Poster Session + Lab Tours

17:00 Removal of Posters

17:15 Hike to Ernst-Häckel Stone

WEDNESDAY, MAY 24, 2023

8:00 Departure to Dresden: Meeting point: City center, behind the library ThULB, Bibliotheksweg, 07743 Jena

10:15 Program Dresden: Excursion to the Helmholtz-Zentrum Dresden-Rossendorf (HZDR) with tour of the ion beam center and visit to the historical city center of Dresden

17:30 Departure to Jena

THURSDAY, MAY 25, 2023

9:00 Welcome

9:15 Mindfulness Training // Asena Boyadzhieva

9:45 Experimental Design // Stephan Wagner (online)

10:45 COFFEE BREAK

11:15 Holographic Imaging for Microplastics // Vittorio Bianco

12:00 Raman Tweezers for Microplastics // Pietro Gucciardi

13:00 LUNCH

14:30 Mindfulness Training // Asena Boyadzhieva

15:15 BREAK

15:30 Visit Schott Villa // Moritz Bigalke

FRIDAY, MAY 26, 2023

9:00 Welcome

9:15 Automated Data Analysis μ FTIR // Sebastian Primpke

10:15 Microplastic Analysis with ML / DL // Vittorio Bianco

11:00 COFFEE BREAK

11:30 NIR-HSI for Microplastic Analysis // Giorgia Sciotto

12:30 Mindfulness Training // Asena Boyadzhieva

13:00 LUNCH

14:30 Farewell of Participants
