



MICROPLASTICS

**WORKSHOP FOR EARLY
CAREER RESEARCHERS**

Monte Verita, Switzerland, 2023



Congressi
Stefano Franscini

ETH zürich



**PLASTICS
EUROPE**

Enabling a sustainable future



Environmental Science

Advances | Atmospheres | Nano |
Processes & Impacts | Water Research & Technology



Program

Sunday, 12. November

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| From 14:00 | Arrival – registration and check-in |
| 15:30 – 16:30 | <i>Welcome drink</i> |
| 16:30 – 16:45 | Welcome from Organizers |
| 16:45 – 17:30 | Keynote Lecture Martin Wagner , <i>Norwegian University of Science and Technology, Norway</i> Two decades of plastic research: Where do we go from here? |
| 17:30 – 18:30 | Experts Poster Session |
| 19:00 | <i>Dinner</i> |

Monday, 13. November

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| 8:30 – 8:45 | Irene Schmidli, CSF Welcome address |
| 8:45 – 9:30 | Keynote Lecture Bernd Nowack , <i>Empa, Switzerland</i> Modeling release of plastics and microplastics to the environment |
| 9:30 – 10:30 | Panel Discussion Tim van Emmerik, Martin Wagner, Camilla Carteny, Scott Coffin, Denise Mitrano Science to Policy Discussion |
| 10:30 – 11:00 | <i>Coffee break</i> |
| 11:00 – 12:00 | Break out Session 1 |
| 12:00 – 13:30 | <i>Lunch</i> |
| 13:30 – 14:30 | Break out Session 2 |
| 14:30 – 15:30 | Break out Session 3 |
| 15:30 – 16:30 | <i>Coffee break</i> |
| 16:30 – 18:30 | Student Poster Session 1 |
| 19:00 | <i>Dinner</i> |

Tuesday 14. November

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| 8:45 – 9:30 | Keynote Lecture Tim van Emmerik , <i>Wageningen University, The Netherlands</i> Rivers as plastic reservoirs |
| 9:30 – 10:00 | Denise Mitrano , <i>ETH Zurich, Switzerland</i> Scientific oral communication skills |
| 10:00 – 10:30 | Scott Coffin , <i>California State Water Resources Control Board, USA</i> Public communication skills |
| 10:30 – 11:00 | <i>Coffee break</i> |
| 11:00 – 12:00 | Break out Session 4 |
| 12:00 – 13:30 | <i>Lunch</i> |
| 13:30 – 16:00 | Communication café |
| 16:00 – 16:30 | <i>Coffee break</i> |
| 16:30 – 18:30 | Student Poster Session 2 |
| 19:00 | <i>Dinner</i> |

Wednesday 15. November

8:45 – 9:30

Keynote Lecture

Nanna Hartmann, *Technical University of Denmark, Denmark*
Ecotoxicity of microplastics: investigating and communicating risks

9:30 – 10:30

Break out Session 5

10:30 – 11:00

Coffee break

11:00 – 12:00

Panel Discussion

Andreas Gondikas, Martin Wagner, Richard Cross, Alba Hernandez
Ethics and academic experiences

12:00 – 13:30

Lunch

Afternoon

Local hikes

19:00

Dinner at the Grotto Broggin, Losone

Thursday 16. November

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| 8:45 – 9:30 | Keynote Lecture Alba Hernandez , <i>Universitat Autònoma de Barcelona, Spain</i> Micro- & nanoplastics and human health: identifying and filling knowledge gaps |
| 9:30 – 10:00 | Stephan Wagner , <i>Hochschule Fresenius, Germany</i> Experimental design |
| 10:00 – 10:30 | Bernd Nowack , <i>Empa, Switzerland</i> Future of scientific publishing |
| 10:30 – 11:00 | <i>Coffee break</i> |
| 11:00 – 12:00 | Denise Mitrano , <i>ETH Zurich, Switzerland</i> Scientific writing skills |
| 12:00 – 13:30 | <i>Lunch</i> |
| 13:30 – 16:00 | Writing café |
| 16:00 – 16:30 | <i>Coffee break</i> |
| 16:30 – 18:30 | Career development session |
| 19:00 | <i>Dinner</i> |

Friday 17. November

8:45 – 9:30

Keynote Lecture

Richard Cross, *UK Centre of Ecology and Hydrology, UK*
Monitoring microplastics in the environment – experiences, challenges and putting it into practice

9:30 – 10:30

Panel Discussion

Bernd Nowack, Brice Mourier, Denise Mitrano, Nanna Hartmann, Karin Mattsson
Careers in academia

10:30 – 11:00

Coffee break

11:00 – 12:00

Panel Discussion

Camilla Carteny, Andy Booth, Matthias Egger, Scott Coffin
Careers outside academia

12:00 – 13:30

Lunch and departure

Poster session 1 – Monday 13. November, 16:30 – 18:30

1. Gulshat Abdullayeva

Free university Berlin, Germany

2. Serena Martina Abel

University of Basel, Switzerland

3. Sofie Altermark

Norwegian University of Science and Technology, Norway

4. Robin-Macmahon Bähre

Leibniz University of Hannover, Germany

5. Katalin Viktória Bere

University of Szeged, Hungary

6. Vaibhav Budhiraja

National Institute of Chemistry, Slovenia

7. Samuel Cusworth

Lancaster University, UK

8. Grace Davies

The University of Birmingham, UK

9. Valentin Dettling

MNHN, France

10. Demi Tristan Djajadi

University of Copenhagen, Denmark

11. Thomas Easton

University of Edinburgh, UK

12. Giulia Elli

Free University of Bozen-Bolzano, Italy

13. Hannah Forsyth

TU Darmstadt, Germany

14. Joana Fragão

MARE-UC, Portugal

15. Victoria Fulfer

University of Rhode Island, USA

16. Silvia Gómez-Kong

Universidad Autónoma de Madrid, Spain

17. Isabel Goßmann

Institute for Chemistry and Biology of the Marine Environment (ICBM), Germany

18. Martine Graf

Bangor University, UK

19. Nicole Grechi

Ludwig-Maximilians University of Munich, Germany

20. Adrian Grunder

University of Bern, Switzerland

21. Yutong Guo

Wageningen University & Research, The Netherlands

22. Maria Hayder

University of Amsterdam, The Netherlands

23. Sya Hoeke

Open University, The Netherlands

24. Jasmine Hong

McGill University, Canada

25. Lucy Howarth-Forster

University of Plymouth, UK

26. Aileen Jakobs

University of Bayreuth, Germany

27. Ankush Kaushik

Leibniz Institute for Tropospheric Research, Germany

28. Alex Catherine King

UWE, UK

29. Živa Kolenc

University of Ljubljana, Slovenia

30. Ajay Kumar

Indian Institute of Science Education and Research (IISER) Mohali, India

31. Giovana Macan

Institute for Sustainable Agriculture - Spanish National Research Council (IAS-CSIC), Spain

32. Joana MacLean

Free university Berlin, Germany

33. Melissa Maher

University of Nottingham, UK

34. Sara Matsumura

University of California Santa Barbara, USA

35. Carola Mazzoli

Polytechnic University of Marche, Italy

36. Yvette Mellink

Wageningen University & Research, The Netherlands

37. David Mennekes

Empa, Switzerland

38. Zeynab Mirzaei

Innovations-Institut für Nanotechnologie und korrelative Mikroskopie e.V., Germany

39. Julia Möller

Wageningen University & Research, The Netherlands

40. Charlie Monkley

University of Bristol, UK

Poster session 2 – Tuesday 14. November, 16:30 – 18:30

1. Kathrin Müller

Hochschule Fresenius, Germany

2. Davi Munhoz

Wageningen University & Research, The Netherlands

3. Clare Murphy-Hagan

University of California Riverside, USA

4. Sophia Mützel

University of Innsbruck, Austria

5. Olga Novillo Sanjuan

DTU Sustain, Denmark

6. Hari Kumar Omni Babu

Università degli Studi Roma Tre, Italy

7. Karla Parga Martinez

University of Copenhagen, Denmark

8. Tereza Pavlíková

Masaryk University, Czech Republic

9. Ámbar Pérez García

Institute for Applied Microelectronics, Spain

10. Nishan Pokhrel

Virginia Tech, USA

11. Grace Pooley Deans

The Catholic University of America, USA

12. Elise Quigley

Universidad de Vigo, Spain

13. Alice Refosco

University of Bergen, Norway

14. Mike Rohling

ETH Zurich, Switzerland

15. Federica Rotta

SUPSI, Switzerland

16. Gabriella Rullander

Uppsala University, Sweden

17. Khim Cathleen Saddi

University of Naples Federico II/ IUSS Pavia, Italy

18. Julia Schmidt

University of Bergen, Norway

19. Johanna Schmidtman

University of Bayreuth, Germany

20. Jennifer Scott

Heriot Watt University, UK

21. Cassandra Sherlock

University of Waterloo, Canada

22. Samiksha Singh

University of California Riverside, USA

23. Natalie Smith

Plymouth Marine Laboratory, UK

24. Yichen Sun

Radboud University, The Netherlands

25. Paolo Tasserón

Wageningen University & Research, The Netherlands

26. Eva-Maria Teggers

*INVITE GmbH / Fraunhofer IME
Schmallenberg, Germany*

27. Khoa Thi

Wageningen University & Research, The Netherlands

28. Yurika Tokunaga

Hokkaido University, Japan

29. Joshua Ugor

University of Portsmouth, UK

30. Arianna Varrani

Institute of Geophysics Polish Academy of Sciences, Poland

31. Medina Veliu

Université Gustave Eiffel, France

32. Leonie Wacker

RWTH Aachen University, Germany

33. Chris Whitshaw

ETH Zurich, Switzerland

34. Marie Winter

Fraunhofer Institute for Molecular Biology and Applied Ecology IME, Germany

35. Charlotte Woodhouse

Plymouth Marine Laboratory, UK

36. Nadiia Yakovenko

CNRS / Observatoire Midi-Pyrénées (OMP), France

37. Hanyue Zhang

Wageningen University & Research, The Netherlands

38. Tingting Zhao

Free university Berlin, Germany

39. Alexa Zonderman

Helmholtz-Zentrum Hereon, Germany