

# Agenda

## Agilent Microplastics Virtual Symposium 2023



### Event Details

**Live Date:**  
Thursday 5  
October 2023

**Live Time:** 9:00  
a.m. – 1:30 p.m.  
CEST

**Location:** [online](#)

Click on the  
presentation titles  
in the agenda to  
learn more.

Note that the event  
will be available  
on-demand until  
**Thursday,  
November 2<sup>nd</sup> at 5  
p.m. CEST**

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Two years have passed since we hosted our first microplastics symposium, and we are thrilled to announce that it's time for us to come together again. The microplastic landscape has witnessed significant developments since then, with the impending release of the first ISO standard and ongoing advancements in SOPs. That's why, we would like to invite you to the 2023 edition of our Agilent Microplastics Virtual Symposium.

### Agenda

09:00 a.m. – 09:10 a.m.	Welcome – Introduction & Video of Geoff Winkett, Agilent Technologies
09:10 a.m. – 09:30 a.m.	The World of Microplastics Up to Date - an Overview – Andreas Kerstan, Agilent Technologies
09:30 a.m. – 09:50 a.m.	Hot news on Agilent LDIR, new developments, and future perspective – Wesam Alwan, Darren Robey, Agilent Technologies
09:50 a.m. – 10:10 a.m.	Release of Plastic Additives and Microplastic Particles from Different Consumer Products into Water under Accelerated UV Weathering Conditions – Lars Hildebrandt, Hereon
10:10 a.m. – 10:30 a.m.	Identification of Polymers Using Machine Learning – Patrick Bauerlein, KWR NL
10:30 a.m. – 10:50 a.m.	From the River to the Sea: Microplastics in Sediments of the Thames River – Friederike Strock, BAFG
10:50 a.m. – 11:10 a.m.	Good Laboratory Practices to Characterize Microplastics Using Quantum-Cascade Laser Reflectance-Absorbance Spectrometry – Jose Manuel Andrade Garda, University of A Corunna
11:10 a.m. – 11:20 a.m.	Development of an Analytical Procedure to Quantify Total Microplastics Using Pyr/GC-MS – Soledad Norberta Muniategui Lorenzo, University of A Corunna
11:20 a.m. – 11:40 a.m.	Analysis of Fibrous Microplastics Using Laser Direct Infrared Imaging – Monique Greiner, Hohenstein Laboratories
11:40 a.m. – 12:00 p.m.	LDIR Spectroscopy and Imaging of Microplastic, Cells and Tissue Sections: Overview and Comparison with Other Infrared Modalities – Christoph Krafft, IPHT Germany
12:00 p.m. – 12:20 p.m.	Looking beyond the Polymer: Using Thermal Desorption GC-MS to expand our understanding of Microplastics – Jan Peter Mayser, Markes
12:20 p.m. – 12:40 p.m.	Tiny Problems – Roxana Sühning, Toronto Metropolitan University
12:40 p.m. – 01:00 p.m.	Identification of Microplastic Particles in Soil Using LDIR – Martine Graf, Bangor University
01:00 p.m. – 01:30 p.m.	Wrap up and open discussion