

## Virtual Stakeholder Workshop of the CCQM-TG-NMMS

# Micro- and nanoplastics metrology: Current status

24-25 February 2025

## Agenda

**Monday 24 February 2025**

**12:00 – 14:40 (UTC+1)**

**Session Chair: Marina Ricci, European Commission, Joint Research Centre (JRC), Belgium**

12:00 – 12:10	Welcome and introduction to the workshop	Åsa Jämting, National Measurement Institute, Australia
12:10 – 12:30	The state of play of the activities of the European Commission on micro- and nanoplastics in food, including regulatory aspects	Veerle Vanheusden, European Commission, Directorate General Health and Food Safety, Belgium
12:30 – 12:50	EU policies on microplastics	Werner Bosmans, European Commission, Directorate General Environment, Belgium
12:50 – 13:10	Advancing the Development and Characterization of Environmentally Relevant Nanoscale Plastic Reference Materials	Shan Zou, National Research Council, Canada
13:10 – 13:20	<b>Break</b>	

13:20 – 13:40	<b>Overview of Standardization and Harmonization Effort on Micro- Nanoplastics Analysis</b>	<b>Andrea Giovanozzi, Istituto Nazionale di Ricerca Metrologica (INRiM) – Versailles Project on Advanced Materials and Standard (VAMAS), Italy</b>
13:40 – 14:00	The ISO 16094-2 Intercomparison Study: Vibrational Spectroscopy for Microplastics in Water	Enrica Alasonati, Laboratoire national de métrologie et d'essais (LNE), France
14:00 – 14:20	Development of Reference Materials for Microplastic particles – The devil in a bottle?	Håkan Emteborg, European Commission, Joint Research Centre (JRC), Belgium
14:20 – 14:40	Discussion, future needs and directions	Speakers day 1

## Tuesday 25 February 2025

**12:00 – 14:40 (UTC+1)**

**Session Chair: Chris Zangmeister, National Institute of Standards and Technology (NIST), USA**

12:00 – 12:10	Welcome and introduction to Day 2	Åsa Jämting, National Measurement Institute, Australia
12:10 – 12:30	Progress of the UNEP Plastics Treaty negotiations - future international regulations on micro and nanoplastics?	Dr Marie-France Dignac, Institute of Ecology and Environmental Sciences of Paris (INRAE), France
12:30 – 12:50	Australian research and regulatory perspectives on microplastic pollution	Phoebe Lewis, Environment Protection Authority (EPA) Victoria, Australia
12:50 – 13:10	Pyrolysis mass spectrometry for microplastics: instrument, measurement, and analytical applications	Jie Jiang, School of Marine Science and Technology, Harbin Institute of Technology, China
<b>13:10 – 13:20</b>	<b>Break</b>	
13:20 – 13:40	Perspective from standardization	Ulrike Braun, Federal Environment Agency (UBA), Germany/ISO TC 147
13:40 – 14:00	ASTM E56 Survey assessing Nanoplastic Standards Needs: Preliminary observations	Justin Gorham, National Institute of Standards and Technology (NIST), USA/ASTM International E56
14:00 – 14:05	CCQM/IAWG/SAWG TG Particle Metrology	Caterina Minelli, National Physical Laboratory (NPL), UK
14:05 – 14:15	CCQM/GAWG TG Particle Metrology	Konstantina Vasilatou, Federal Institute of Metrology (METAS), Switzerland
14:15 – 14:20	CCQM/FOOD TG	Catherine Rimmer, National Institute of Standards and Technology (NIST), USA
14:20 – 14:40	Discussion, future needs and directions	Speakers day 2