

# Global Microplastics Symposium Agenda

## Day one: April 13 | Overview of microplastics in different geo-environment

Pacific time (PST)	US Time Zone		EU Time	Session	Speaker
	Central time (CST)	Eastern time (EST)	CET		
7:00 AM	9:00 AM	10:00 AM	4:00 PM	Opening remarks	Rui Chen, Ph. D. Thermo Fisher Scientific
7:15 AM	9:15 AM	10:15 AM	4:15 PM	General overview of microplastic pollution: issues and perspectives	Chelsea Rochman, Ph. D. University of Toronto, Canada
7:45 AM	9:45 AM	10:45 AM	4:45 PM	Microplastics in Hawaiian marine environments: where and how do we find them	Jennifer Lynch, Ph. D. Hawaii Pacific University
8:20 AM	10:20 AM	11:20 AM	5:20 PM	Microplastics in the North Pacific Gyre	Capt. Charles Moore and Ms. Shelly Moore Moore Institute for Plastic Pollution Research
8:40 AM	10:40 AM	11:40 AM	5:40 PM	Effects of micro & nanoplastics on biota in the aquatic environment	Susanne Brander, Ph. D. Oregon State University
9:15 AM	11:15 AM	12:15 PM	6:15 PM	Atmospheric plastic deposition	Janice Brahney, Ph. D. Utah State University

## Day two: April 14 | Analysis of microplastics in different sample matrices

Pacific time (PST)	US Time Zone		EU Time	Session	Speaker
	Central time (CST)	Eastern time (EST)	CET		
7:00 AM	9:00 AM	10:00 AM	4:00 PM	Review of day 1	Suja Sukumaran, Ph.D. Thermo Fisher Scientific
7:15 AM	9:15 AM	10:15 AM	4:15 PM	California's path towards assessing risks and developing regulations for microplastics in drinking water	Scott Coffin, Ph. D. California State Water Resources Control Board
7:40 AM	9:40 AM	10:40 AM	4:40 PM	Microplastics measurement interlaboratory calibration for drinking water	Charles Wong, Ph. D. Southern California Coastal Water Research Project
8:10 AM	10:10 AM	11:10 AM	5:10 PM	Great Shearwater: the microplastics within – A study on Great Shearwater microplastic ingestion in the Gulf of Maine	Ms. Christy Hudak Center for Coastal Studies
8:30 AM	10:30 AM	11:30 AM	5:30 PM	Distribution and bioavailability of anthropogenic microparticles in California's coastal ecosystems	Clare Steele, Ph. D. California State University Channel Islands
8:55 AM	10:55 AM	11:55 PM	5:55 PM	The 2020 Bianca nurdle spill in New Orleans and the use of FT-IR to identify putative nurdles from the incident	Mark C. Benfield, Ph. D. Louisiana State University

## Day three: April 15 | Challenges and solutions in microplastic research: from sample prep to library

Pacific time (PST)	US Time Zone		EU Time	Session	Speaker
	Central time (CST)	Eastern time (EST)	CET		
7:00 AM	9:00 AM	10:00 AM	4:00 PM	Review of day 2	Suja Sukumaran, Ph. D. Thermo Fisher Scientific
7:15 AM	9:15 AM	10:15 AM	4:15 PM	Comparison of micro-FTIR-ATR, micro-FTIR transmission (Ultrafast Mapping), Raman analysis for beach sediment samples	Wonjoon Shim, Ph. D. Korea Institute of Ocean Science and Technology, South Korea
7:40 AM	9:40 AM	10:40 AM	4:40 PM	FTIR and SEM analyses of microplastic chemistry, size, shape, and surfaces in various sample matrices	Jeff Wagner, Ph. D. California Department of Public Health
8:10 AM	10:10 AM	11:10 AM	5:10 PM	Microplastics in the Sierra Nevada: from peak to pipe	Monica Arienzo, Ph. D. Desert Research Institute
8:35 AM	10:35 AM	11:35 AM	5:35 PM	Open source Raman and IR spectroscopy, paving the future for artificial intelligence spectral analysis	Win Cowger, Ph. D. University of California Riverside
8:55 AM	10:55 AM	11:55 PM	5:55 PM	Method standardization and technique development for FTIR and ATR-FTIR analyses in Belgian Research	Maaïke Vercauteren, Ph. D. Ghent University

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9:30 AM	11:30 AM	12:30 PM	6:30 PM	Live panel discussion	Moderator – Rui Chen Panelists: Suja Sukumaran, Chelsea Rochman, Clare Steele, Maaïke Vercauteren, Monica Arienzo, Janice Brahney, Scott Coffin, Charles Wong, Win Cowger, Susanne Brander
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