Conference Speakers

Name	Affiliation	Title
Teresa McGrath	Habitable	Quantifying the Hidden Plastic Burden: An Inventory of Plastic Materials and their additives in the Built Environment
Yannick Mulders	Minderoo Foundation	PlasticHealthAware: a dashboard for presenting up to date Umbrella Review data on plastic chemicals and health outcomes
Amanda Dawson	Griffith University	Hidden Chemistry: What Leaches from Our Clothing Microfibres?
Andara Manage Shashini Methsara	University of Kelaniya	Restoration Under Pressure: Tracing Microplastic Influx Into an Actively Restored Mangrove Ecosystem
Derek Muir	Environment & Climate Change Canada	Target and non-target analysis of plastic flakes and pellets from Canadian recycling programs
Birgit Geueke	Food Packaging Forum Foundation	From Overview to Insight: Mapping Use, Exposure and Health Effects of Plastic Food Contact Chemicals
Douglas Walker	Emory University	Operationalizing the plastic exposome with high-resolution mass spectrometry analytical workflows
Alexandra Richardson	Imperial College London	Analytical method development, optimisation, and evaluation for the detection and quantification of plastic oligomers in human blood
Karuna Singh	National Institute of Technology Delhi	Tracing the Sources of Laboratory-Origin Microplastic Contamination Using Polymer Fingerprinting
Helena Friedrich	King's College London/Diamond Light Source	FTIR spectroscopy methods to elucidate the interactions between microplastics and cells
Maria Hayder	Van’t Hoff Institute for Molecular Sciences, University of Amsterdam	Tools for Analysis of Environmental Fate of Nanoplastics in Various Types of Samples
Alena Vdovchenko	Imperial College London	Development and validation of a Raman microspectroscopy workflow for the detection of micro- and nanoplastics in human blood
Nico Merck	University of Rostock/Institute of General Electrical Engineering/Chair for Optoelectronics and Photonic Systems	Toward In-Situ Microplastic Detection Using Broadband Excitation Spectroscopy and Machine Learning
Xianyu (Fisher) Wang	The University of Queensland, QAEHS	Addressing low-concentration BPA quantification challenges in urine samples using a native analyte addition method
Alessio Gomiero	Norwegian Research	Exploring the potential of one-pot microwave-assisted pretreatments coupled with PY-GC-MS for

		the quantification of MPs and associated contaminants
Sijing Li	CSIRO	Identification and prioritisation of chemical additives in plastic products using TGA coupled to GC/QTOF-MS
Federica Nardella	Vrije Universiteit Amsterdam	Analytical advances in mass spectrometry–based detection and quantification of micro- and nanoplastics in human matrices
Oluniyi Fadare	Eastern New Mexico University	Eco-corona-based Characterization of environmentally weathered microplastics using Ultra-performance liquid chromatography, Fourier transform infrared spectroscopy (FTIR) spectra, and unsupervised machine learning algorithms
Grace Davies	The University of Queensland, QAEHS	Defining Unequivocal: Increasing Confidence In The Analysis And Reporting Of Micro- And Nanoplastic Particles In Biological Matrices
Christian Dior Freeman	Emory University	An All-Inclusive Pipeline for Quality Control Checks and Sample Grouping in PY-GC-HRMS Micro- and Nanoplastic Quantitation Utilizing Skyline and R-Programming
Ronald Smith	Emory University	Confirming Characteristic Pyrolysis Features of Microplastics in Placental Tissue
Julia Jaeger	Eurofins Environment Testing	Harmonised Analysis of Airborne Microplastics: Results from the Plastic Dust Cloud Project
Lisa Zimmermann	Food Packaging Forum Foundation	Tracing micro- and nanoplastics in food: The role of packaging
Danielle E. Que	The University of Queensland, QAEHS	Nonylphenol exposure in an Australian population using urinary biomarker analysis
Dorte Herzke	NIPH	Car tire particles and their additives: biomarkers for recent exposure and implications for the human exposome
Yarui Liu	Department of Toxicology and Health Inspection and Quarantine, School of Public Health, Tianjin Medical University	Metabolites of phthalate and non-phthalate plasticizers in Australian pooled urine samples from 2020–2021
Tim Couttas	Neuroscience Research Australia	Characterisation of antibodies against plastic-derived chemicals and immunoreactivity in human brain tissue
Chang He	Guangdong University of Technology	Does the Presence of Chlorinated Paraffins in Plastic Fruit Stickers Adhesive Pose a Threat to Human Health?
Ramesh Ganpisetti	Alliance University	Integrated Risk Assessment Framework for Micro and Nanoplastics in Drinking Water-An In Vivo Approach
Aaron Schultz	Deakin University	Integrated Risk Assessment Framework for Micro and Nanoplastics in Drinking Water-An In Vivo Approach
Yokataa Geetha Saravanan	Saveetha Dental College and Hospitals	Detection and Quantification of Phthalates and Bisphenol A (BPA) in Oral Squamous Cell Carcinoma Using High-Resolution Time-of-Flight Mass Spectrometry
Andrew Lucas	The University of Western Australia	Assessment of a 7 day low plastic dietary intervention on parameters of good health

Adrian Covaci	University of Antwerp, Toxicological Center	Ongoing exposure to endocrine disrupting plasticizers in neonatal intensive care unit patients
Marina Suzuki	The University of Queensland, QAEHS	Per- and Polyfluoroalkyl Substances in the Human Brain
Todd Gouin	TG Environmental Research	Evaluating microplastic particles as vectors of exposure for plastic additive chemicals using a food web model
Shaowei Guo	The First Affiliated Hospital of Shantou University Medical College	Multimodal detection and analysis of microplastics in human thrombi from multiple anatomically distinct sites
Lara Cioni	Institute of Environmental Assessment and Water Research (IDAEA)-CSIC	Human exposure to plastic additives through dermal contact with menstrual products
Honglin Chen	The University of Queensland, QAEHS	Understanding spatial and temporal trends of atmospheric microplastics and nanoplastics in laboratories
Laura Puente-De La Cruz	The University of Queensland, QAEHS	Assessment of infant oral exposure to micro and nanoplastics from plastic feeding and storage containers
Amanda Durkin	University Medical Center Utrecht	Determinants of exposure to micro- and nanoplastics in women of reproductive age
Cheng Tang	The University of Queensland, QAEHS	Migration of plastic and adhesive-related oligomers (PAROs) from puree pouches: a comparison between food simulants and food samples
Lynn Jacobs	McGill University	Advancing Indigenous-led Microplastic and Nanoplastic Research in Indigenous Communities
Holger Martin Koch	Institute for Prevention and Occupational Medicine (IPA) of the German Social Accident Insurance (DGUV), Institute of the Ruhr University Bochum	Plastics related chemicals in continuously archived 24-hour urine samples of the German Environmental Specimen Bank from 1995 to today: time trends, exposure and risk assessment
Mercè Garí	Institute of Environmental Assessment and Water Research (IDAEA-CSIC)	Human exposure to Tire-Related Chemicals in Europe
Hubert Dirven	Norwegian Institute of Public Health	Micro and nanoplastics exposure in young athletes playing football on a field with tyre rubber granulates as infill
Natascha Schmidt	NILU	Atmospheric Microplastics in Urban and Remote Areas: Occurrence, Sources and Seasonality
Eric Auyang	Imperial College London	Fabrication of Micro/Nanoplastic Particles and Fibres for In Vitro Alveolar Exposure Studies
Patrick Lelliott	Baker Heart and Diabetes Institute	Systemic inflammation and cardiometabolic dysfunction induced by nylon and polyester micro- and nanoplastic exposure
Julia Laskowska	Imperial College London	Mechanistic studies of inhaled microplastics in the human lung in vitro
Namrata Pandey	University of Plymouth	Exploring the interaction of carboxylated polystyrene nanoplastics with hepatic cell lines and human precision-cut liver slices
Stephanie Wright	Imperial College London	The impacts of microplastics and indoor microplastic-aerosol mixtures on THP1 macrophage immunometabolism

Eduardo Albornoz	The University of Queensland, School of Biomedical Sciences	Nanoplastics activate innate immunity in microglia and exacerbate α-synuclein–induced neurotoxicity
Emine Merve Canga	University College Dublin	Cytotoxicity of Polystyrene Nanoplastics: Role of Ageing-Driven Oxidation and Protein Corona Formation
Yufei Pan	The University of Queensland, QAEHS	Assessing the permeation of surface-modified nanoplastics (NPs) across in vitro human gut-blood and blood-brain barrier models
Juliette Legler	Utrecht University	Keeping the MOMENTUM going: highlights of 5 years of microplastics and health research in the Netherlands
Lanpeng Yang	Nankai University	Novel Near-Infrared Imaging for Toxicological Studies of Microplastics and Nanoplastics
Kirsty Meldrum	Swansea University	Investigating isolated and combined co-exposure of micro(nano)plastics and air pollution particulate matter using in vitro models of the alveolar barrier
Ahmed Elagali	Minderoo Foundation	Pathway-Based Genetic Score for Xenobiotic Metabolism: An Indicator of Host Vulnerability to Plastics-Induced Neurological Conditions
Katherine Drummond	The Florey Institute of Neuroscience and Mental Health	Kynurenine metabolism in pregnancy: a central pathway linking prenatal chemical exposures to autism
Thomas Boissiere-O'Neill	The University of Queensland	Associations Between Maternal Phthalate Mixtures and the Gut Microbiome during Late Gestation
Kinga Polanska	Department of Environmental and Occupational Health Hazards, Nofer Institute of Occupational Medicine	Plastic related chemicals and neuropsychomotor development and mental health during childhood
Ahmed Tiamiyu	Community Action Against Plastic Waste (CAPws)	Health at the Heart of Plastic Governance: A Grassroots-Informed Risk Framework for Vulnerable Populations
Adriano Winterton	Norwegian Institute of Public Health	Socioeconomic latent classes modify the relationship between maternal PFAS exposure profiles and perinatal outcomes in the Norwegian Mother, Father and Child Cohort Study (MoBa)
Gro Dehli Andersen	Norwegian Institute of Public Health	Prenatal Plastic-Associated Chemical Exposure and Child Neurodevelopment: Insights from the Norwegian Mother, Father and Child Cohort Study (MoBa)
Deborah Dewey	University of Calgary	The influence of prenatal exposure to ‘plastic chemicals’ on maternal and child health, brain structure, neurodevelopmental outcomes, and the infant epigenome: Findings from APrON Neurotox
Helene Wiesinger	Food Packaging Forum Foundation	Grouping of chemicals into human-readable groups: a case study on food contact chemicals
Dinushika Yapa Abeywardhana	University of Peradeniya	From National Policy to Local Crisis: Institutional Fragmentation, Open Burning, and Health Risks from Plastic Pollution in Kandy, Sri Lanka
Teresa McGrath	Habitable	Minnesota affordable housing policies lead the way in encouraging avoidance of worst in class plastic building materials and selection of healthier alternatives

Temilola Oluseyi	University of Lagos	Plastics Governance in Nigeria and Sub-Saharan Africa: Pathways to a Circular Future
Louise Goodes	Minderoo Foundation	Utilising evidence on PFAS to inform regulation, policy and behavioural change
Daniel Weber	Australian Government Department of Climate Change, Energy, the Environment and Water	Advancing Chemicals Risk Management Through Cheminformatics and Data Integration