

Thursday June 1st 2023

| 9:30:00 am | 10:15:00 am | Registration and coffee | | | |
|-------------|-------------|---------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 10:15:00 am | 10:30:00 am | Welcome- Dr Caroline Gauchotte-Lindsay | | | |
| 10:30:00 am | 11:15:00 am | Keynote | Sharon Pfleger | From bench to impact: making a difference with environmental chemistry research | |
| Session 1 | | Pharmaceuticals in the Environment I- Chair Dr Caroline Gauchotte-Lindsay | | | |
| 11:15:00 am | 11:35:00 am | talk 1 | Gabriele Frascaroli | Occurrence of antibiotics responsible for the development of antimicrobial resistance in wastewater treatment plants and their removal via microalgae. | |
| 11:35:00 am | 11:55:00 am | talk 2 | Kemi Oloyede | Measurement and in silico prediction of pharmaceutical biotransformation in receiving water | |
| 12:00:00 pm | 12:20:00 pm | talk 3 | Hamed Rasouli-Sadabad | Antimicrobial resistance spread during antibiotics removal from water by adsorption | |
| 12:20:00 pm | 12:40:00 pm | talk 4 | Tathagata Pal | Handheld cost-effective optical fiber biosensor for detection of ciprofloxacin and enrofloxacin in environmental samples | |
| 12:40:00 pm | 1:25:00 pm | Lunch | | | |
| Session 2 | | Pharmaceuticals in the Environment II- Dr Helena Rapp Wright | | | |
| 1:25:00 pm | 1:45:00 pm | talk 5 | Lydia Niemi | Innovative data visualisation tool to explore relationships between pharmaceutical prescribing and environmental occurrence | |
| 1:45:00 pm | 2:05:00 pm | talk 6 | Deborah Reid | Analysis of antibiotic and heavy metal contamination in wastewater to assess contribution to antimicrobial resistance | |
| 2:05:00 pm | 2:25:00 pm | talk 7 | Emma O'Sullivan-Carroll | Development of greener analytical methods for the detection of active pharmaceutical ingredients in wastewater effluents using capillary zone electrophoresis | |
| 2:30:00 pm | 2:50:00 pm | talk 8 | Alexandra Richardson | The IMPART project, a citizen science approach to using passive samplers to monitor for emerging contaminants | |
| 2:50:00 pm | 3:50:00 pm | Posters Session | | | |
| Session 3 | | Legacy and Emerging Contaminants- Dr Peter Baugh | | | |
| 3:50:00 pm | 4:10:00 pm | talk 9 | Andrew Hursthouse | Resource exploitation and environmental impact: challenges from China's rapid | |
| 4:10:00 pm | 4:30:00 pm | talk 10 | Laura McGregor | Non-target screening of polar organics in cigarette leachate by immersive sorptive extraction and GCxGC-TOF MS | |
| 4:30:00 pm | 4:50:00 pm | talk 11 | Mark Barrow | Tracking the history of polycyclic aromatic compounds in the River Thames estuary using Fourier transform ion cyclotron resonance mass spectrometry | |
| 4:50:00 pm | 5:10:00 pm | talk 12 | Keng Tiong Ng | Development of a rapid LC-MS/MS method for explosive substances in complex matrices | |
| 5:15:00 pm | 6:00:00 pm | Keynote | William Peveler | From water to whisky: golden opportunities in analysis with plasmonic particles | |

Friday June 2nd 2023

| 8:30:00 am | 9:00:00 am | Registration and coffee | | | |
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| 9:00:00 am | 9:45:00 am | Keynote | Emma Holland-Lindsay | End Plastic Soup – The Women's Institute's campaign to tackle microplastic fibre pollution | |
| Session 4 | | Microplastics- Laura Alcock | | | |
| 9:45:00 am | 10:05:00 am | talk 13 | Gideon Idowu | Microplastics and plastic-related organic contaminants in Africa's freshwater and marine environments | |
| 10:05:00 am | 10:25:00 am | talk 14 | Louise Hamdy | High-Throughput screening of sediments for microplastic pollution: Adapting an automated mineralogy approach | |
| 10:25:00 am | 10:45:00 am | talk 15 | Peter Hollings | Assessing the retention of new and emerging pollutants in nature-based solutions by online SPE LC-MS and μ FTIR microscopy. | |
| 10:45:00 am | 11:15:00 am | Coffee Break | | | |
| Session 5 | | Soil Systems- Dr Carla Comadran Casas | | | |
| 11:15:00 am | 11:35:00 am | talk 16 | Lucia Rodriguez-Freire | PFAS distribution in contaminated soils and impact on rhizosphere and plant microbiota | |
| 11:35:00 am | 11:55:00 am | talk 17 | Claudia Rocco | Investigation into stability of micronutrient complexes with PDMA, a novel ligand as fertilizer | |
| 11:55:00 am | 12:15:00 pm | talk 18 | Niall Marsay | Development and optimisation of rapid analysis of weathered slag using portable XRF | |
| Session 6 | | Water Treatments- Dr Baptiste Poursat | | | |
| 12:20:00 pm | 12:40:00 pm | talk 19 | Nitin Khandelwal | Engineered iron nanostructures on different surfaces for continuous water purification | |
| 12:40:00 pm | 1:00:00 am | talk 20 | Bence Solymosi | Disentangling adsorption from true catalytic degradation in advanced oxidation processes | |
| 1:00:00 am | 1:20:00 am | talk 21 | Adamu Rasheed | Comparative studies of crystal violet dye removal kinetics between NaOH and KOH | |
| 1:20:00 pm | 2:10:00 pm | Lunch | | | |
| 2:10:00 pm | 2:55:00 pm | Keynote | Salim Alam Keynote | Oxidation Chemistry in the Atmospheres of Global Megacities | |
| Session 7 | | Indoor and Outdoor Air- Dr Rowenna Fletcher-Wood | | | |
| 2:55:00 pm | 3:15:00 pm | talk 22 | Amber Yeoman | Atmospheric fate of consumer products - the neglected environmental fate and their impact on indoor air quality | |
| 3:15:00 pm | 3:35:00 pm | talk 23 | Holly Walder | Development of low-cost miniaturized passive air samplers for measuring (semi) volatile organic compounds in personal, indoor and outdoor environments | |
| 3:35:00 pm | 3:55:00 pm | talk 24 | Jessica Gabb | Measuring natural gas with raman spectroscopy | |
| 3:55:00 pm | 4:15:00 pm | talk 25 | Thomas Warburton | The effect of ventilation on exposure to indoor VOCs in Bradford | |
| 4:20:00 pm | 4:30:00 pm | Prizes and Conclusions- Dr Rowenna Fletcher-Wood, Dr Michelle Bloor and Dr Caroline Gauchotte-Lindsay | | | |