

#EnvChem2020: Chemistry of the Whole Environment

Overview Programme

Friday 10th July 2020

All times are British Summer Time (BST), 1 hour ahead of Coordinated Universal Time (UTC).

10:00 – 10:05	Opening remarks
10:05 – 10:25	Extended Presentation (15 min + 5 min for questions)
10:25 – 10:45	Extended Presentation (15 min + 5 min for questions)
10:45 – 11:05	Extended Presentation (15 min + 5 min for questions)
11:05 – 11:10	Introduction to parallel sessions
11:10 – 11:25	Parallel Brief Presentation sessions (3 min + 12 min for discussion)
11:25 – 11:40	Parallel Brief Presentation sessions (3 min + 12 min for discussion)
11:40 – 11:55	Parallel Brief Presentation sessions (3 min + 12 min for discussion)
11:55 – 12:30	Keynote: Professor Iseult Lynch (25 min + 10 min for questions)
12: 30 – 13:15	Lunch
13:15 – 13:35	Extended Presentation (15 min + 5 min for questions)
13:35 – 13:55	Extended Presentation (15 min + 5 min for questions)
13:55 – 14:15	Extended Presentation (15 min + 5 min for questions)
14:15 – 14:20	Introduction to parallel sessions
14:20 – 14:35	Parallel Brief Presentation sessions (3 min + 12 min for discussion)
14:35 – 14:50	Parallel Brief Presentation sessions (3 min + 12 min for discussion)
14:50 – 15:05	Parallel Brief Presentation sessions (3 min + 12 min for discussion)
15:05 – 15:25	Extended Presentation (15 min + 5 min for questions)
15:25 – 15:45	Extended Presentation (15 min + 5 min for questions)
15:45 – 16:05	Extended Presentation (15 min + 5 min for questions)
15:05 – 16:10	Introduction to parallel sessions
16:10 – 16:25	Parallel Brief Presentation sessions (3 min + 12 min for discussion)
16:25 – 16:40	Parallel Brief Presentation sessions (3 min + 12 min for discussion)
16:40 – 16:55	Parallel Brief Presentation sessions (3 min + 12 min for discussion)
16:55 – 17:00	Closing remarks

Please see next page for detailed programme

10:00 – 10:05	Opening remarks: Tom Sizmur													
10:05 – 10:25	Nadine Borduas-Dedekind: Reactive oxygen species (ROS), including singlet oxygen, production within irradiated aqueous organic aerosols													
10:25 – 10:45	Ayushi Priyam: Investigation for ecosafety and transformation of potential Phosphorus based nanofertilizers by using <i>Caenorhabditis elegans</i> as a terrestrial model													
10:45 – 11:05	Jamie Harrower: Monitoring antibiotics in urban river environments using in-situ calibrated Polar Organic Chemical Integrative Samplers (POCIS), grab sampling and analysis by SPE-LC-MS/MS													
11:05 – 11:10	Introduction to parallel sessions: Tomás Sherwen													
11:10 – 11:55	Parallel sessions: Environmental Processes in Soil, Water and Air													
	Iain Wilson	Miguel Gomez Gonzalez	Theodore Dibble	David Brown	Rose Alani	Bamidele Olu-Owolabi	Vajira Perera	Moses Ogbaje	Symiah Barnett	Megan Griffiths	Olumide Emmanuel Akinrinade	Chris Hughes	Adam Peters	
11:55 – 12:30	Keynote Presentation: Professor Iseult Lynch													
12:30 – 13:15 Lunch	Environmental Processes in Soil, Water and Air Networking room				Emerging Contaminants Networking room		Novel techniques Networking room		Atmospheric Chemistry Networking room		Ecotoxicology Networking room			
13:15 – 13:35	Oluseun Olubode: Allelopathic effects of <i>Celosia trigyna</i> L. on germination and growth of three widely cultivated African indigenous vegetables in Ibadan, southwest Nigeria													
13:35 – 13:55	Alexandra Richardson: Using LC-MS, passive sampling and predictive modelling to understand the occurrence and environmental impact of contaminants in a London urban river system													
13:55 – 14:15	Aoife Quinlivan: Preventing the Rising Tide of AMR: Utilising Water Stable MOFs to Remove Antibiotics from Wastewater													
14:15 – 14:20	Introduction to parallel sessions: Tomás Sherwen													
14:20 – 15:05	Parallel sessions: Emerging contaminants													
	Shivender Singh Saini	Saer Samanipour	Harrison Frost	Celine Moreira	Ben Maskrey	Chris Howick	Neville Llewellyn	Paschal Okiroro	Balal Yousaf	Lorraine Hutt	Preston Akenga	Philippa Kearney	Bilikis Folarin	
15:05 – 15:25	Jize Jiang: Developing a climate-dependent model of ammonia emissions from agriculture													
15:25 – 15:45	Alberto Celma: The combination of bioanalyses with ion mobility-high resolution mass spectrometry for an enhanced environmental screening													
15:45 – 16:05	Qingzhe Zhang: Broadband solar harvesting via plasmonic and heterojunction nanostructures for environmental and energy applications													
15:05 – 16:10	Introduction to parallel sessions: Tomás Sherwen													
16:10 – 16:55	Parallel sessions: Ecotoxicology, Atmospheric Chemistry & Novel techniques													
	Rachel Schwartz-Narbonne	Rebecca Rae	Michael Onyedika	Janine Elliott	Aaron Schultz	Peng Zhang	Kirit Wadhia	Godswill Tesi	Phillip Colyer	Shweta Gehlout	Adam Peters	James Dinsley	Nina Schleicher	
16:55 – 17:00	Closing remarks: Tom Sizmur													

