

18th CONFERENCE OF THE UK WATER NETWORK | 19th JUNE 2025

SHORT PROGRAMME

09:30 - 10:00	Registration and welcome coffee.
10:00 – 10:05	Welcome. Irene Carra , Senior Lecturer in Chemical Processes, Cranfield Water Science Institute, UK.
10:05 – 10:10	Introduction to the conference. John Fawell , Visiting Professor and Chair of the UK Water Network, Cranfield Water Science Institute, UK.
Session 1	
10:10 – 10:40	Treatment Technologies for PFAS in Drinking Water: Challenges and Emerging Opportunities. Yang Deng , Professor of Environmental Engineering, Montclair State University, USA.
10:40 – 11:10	Bench-Scale Water Treatment Efficacy Study of PFAS Removal (DWI project) Peter Jarvis , Professor of Water Science & Technology & Irene Carra , Senior Lecturer in Chemical Processes, Cranfield Water Science Institute, UK.
11:10 – 11:30	Managing PFAS at a Groundwater Water Treatment Works: A Case Study Sophie Moore , Water Quality Risk Scientist, Anglian Water, UK.
11:30 – 11:50	Coffee break
Session 2	
11:50 – 12:10	When is 40 not 40? A Review of Approaches to UV Irradiation System Design and their Applicability to Surface Waters. Harriet Alford , Principal Process Engineer, Stantec, UK.
12:10 – 12:30	Unattributed Microbiological Failures During Water Treatment. Tom Bond , Principal Consultant – Water Treatment, WRC, UK.
12:30 – 12:50	Tackling Network Leakage. Richard P Collins , Senior Lecturer in Water Engineering, The University of Sheffield, UK.
12: 50 – 14:00	Lunch Break
14:00 – 14:40	Early Career Researchers Flash Presentations

Session 3	
14:40 – 15:10	Challenges in Natural Organic Matter in Water Treatment Plants in Sydney. Saravanamuthu Vigneswaran , Emeritus Professor, University of Technology Sydney, Australia.
15:10 – 15:30	Coffee break
15:30 – 15:50	Slow Sand Filtration as Pretreatment for Ceramic Membrane Filters – A Pilot Trial Overview. Lee Cassidy , Water Quality Principal Scientist, Bournemouth Water, UK.
15:50 – 16:10	Remote Spot sampling in Service Reservoirs. Zoe Kellock , Network Maintenance Programme Lead, Affinity Water and Ceris Van de Vyver , Project Director South, Panton McLeod, UK.
16:10 – 16:20	Early Career Researchers Best Presentation Prize. Awarded by the IWA UK Committee.
16:20 – 16:30	Concluding remarks and conference close. Irene Carra , Senior Lecturer in Chemical Processes, Cranfield Water Science Institute, UK.