



Programme

- 09.00 – 09.30** Registration
- 09.30 – 09.45** **Welcome and Introduction – outcomes and implications of CIP**
Morning Chair – Arthur Thornton, Research and Innovation Associate Director, Atkins
- 09.45 – 10.20** **CIP3 – A Water Company Perspective**
Matt Hill, Lead Environmental Advisor, Yorkshire Water
- 10.20 – 10.45** **Establishing a Plastic Baseline in UK Wastewater treatments works**
Rowan Byrne*, Marine Ecology Technical Principal & Global Marine Plastics Group Leader, Mott MacDonald; (with contributions from Anglian Water Services & University of East Anglia)
- 10.45 – 11.15** Morning break & networking
- 11.15 – 11.40** **Do process operational variables impact the fate of micropollutants in Activated Sludge Plants?**
Charlotte Monkhouse*, Junior Process Engineer, Aqua Enviro, Dean Herron & Dai Ziye, Aqua Enviro, Pablo Moreno Campo, Cranfield & Arthur Thornton, Atkins
- 11.40 – 12.05** **Everyone's talking about PFAS: perspectives on challenges faced in managing the risks to water quality from 'forever chemicals'™**
Emma Pemberton, Principal Environmental Chemist/Ecotoxicologist, Ricardo Energy & Environment
- 12.05 – 12.45** **Panel Discussion – From a society of the Plastic Fantastic and Wonder Chemistry – How do we understand the now emerging environmental and health risks and then manage those risks in a net zero world?**
Arthur Thornton (Chair), Matt Hill, Rowan Byrne, Pablo Moreno Campo and Emma Pemberton
- 12.45 – 13.45** Lunch & networking
- Afternoon Chair – Matt Smyth, Technical Director, Aqua Enviro*
- 13.45 – 14.10** **P removal: Conventional vs Biological removal and getting to Net Zero**
Laura Keay, Principal Process Engineer, Aqua Consultants, Naresh Patel, Natural Assets Scientist, Aqua consultants, Luke Gimblett, Senior Process Engineer, Stantec
- 14.10 – 14.35** **European Experiences with Mecana for Advanced Treatment**
Geoff Cooper-Smith*, Senior Process Engineer, & Lewis O'Brien, ELIQUO HYDROK, UK
- 14.35 – 14.55** Afternoon break and networking

- 14.55 – 15.20** **Treatment of emerging contaminants – An evaluation of a novel combination of membrane ultrafiltration and the te-ion™ non-thermal plasma based oxidation process**
Ben, Hazard*, Process Engineer, Te-Tech Process Solutions, Simon Jabornig, SFC Umwelttechnik & Luis Marinheiro, AST - Environmental Solutions and Services
- 15.20 – 15.45** **BO3-Process; a breakthrough in efficient and sustainable micropollutant removal**
Arnoud de Wilt*, Specialist Wastewater and Micropollutants, & Paul Lavender, Royal HaskoningDHV
- 15.45** Close

**Presenting author*