

09:30	REGISTRATION
10:00	Welcome and Housekeeping Claire Underhill, Innovyze
10:10	Opening Address Paul Horton - CEO Future Water
10:30	The role of modelling, AI and optimisation in operational digital twins Thouheed Gaffoor and David Fortune, Innovyze
10:50	Q&A
11:00	Morning Refreshment
11:30	Energy Maps: Visualising energy usage to help improve energy efficiency Chris Bros, Stantec
12:00	PRESENTATION TBC
12:20	Supporting UK's growth: Developing a flexible, integrated and timely approach for clean water network planning to support accelerated residential and commercial growth John Visser, Civil Engineer, Atkins
12:40	Q&A
12:50	Lunchtime
14:00	Challenges for AMP 7 Helen Wood, Hydraulic Modelling Engineer, South East Water
14:20	Modelling Growth in Bristol Water Spencer Martin, Network Asset Modelling Engineer, Bristol Water
14:40	The Use of Electrical Conductivity for Testing Water Main Acceptance and Finding Leaks in Pressurised Pipes Chuck Hansen, Founder and Chairman, Electro Scan
15:00	Q&A
15:10	Afternoon Break
15:40	Mathematical Optimisation and Machine Learning Methods for the Robust Recurring Calibration of Hydraulic Models Dr Ivan Stoianov, Senior Lecturer in Water Systems Engineering, Imperial College, London
16:00	Presentation from Eric Hutchinson, RPS
16:20	Infrastructure strategy optimisation for a resilient future supply Giada Ferrari, Principal Engineer - Water, Arcadis
16:40	Q&A Discussion and Closing Remarks