

	Conference	Workshops
09:00	Registration & Refreshments	
09:30	Welcome from SWIG chair – Mike Strahand	
09:40	Keynote – Lizzie Frost (Anglian Water) : From Data to Decisions: Flowing Towards a Smarter Resilient Future	
10:10	Session 1: Leveraging Instrumentation and Data to Foster Sustainable and Resilient Water Resources 10:10 - Introduction from chair: Mike Sparrey (ABB) 10:20 - Luke Palmer (YZ Systems) & Janice Norrie (South West Water): Remote Monitoring for Sustainable Water Management 10:45 - Mark Andrews (Sustainable Water Solutions) & Tom Stone (In-Situ): Data for innovation: Our experience with Managed Aquifer Recharge	Workshop 1: Pitch & Progress – Innovation Clinic for the Water Sector 10:10 - Introduction from workshop facilitators: Mike Strahand (SWIG) & Rob Stevens (Proteus Instruments) 10:20 - CSignum pitch: Mark Rhodes 10:45 - Seneye Sensors pitch: Matthew Stevenson
11:10	Refreshments	
11:35	11:35 - Abi Croutear-Foy (AquaWatch): Water Is Us: Connection, Data, and the Systems We Build 12:00 - Dr Helen Willcock & Dr Sarah Woods (Loughborough University): Luminescent Sensing Materials for Real-Time Monitoring 12:25 - Panel Discussion	11:35 - digiLab pitch: Ben Biddulph 12:00 - Arqiva pitch: Jack Kilvington 12:25 - NUUV pitch: Matt Simpson
12:50	Lunch	
13:45	Session 2: Harnessing IT/OT Convergence – How We Revolutionise Water Management with Smart Instrumentation & AI 13:45 - Introduction from chair: Rich Bragg (United Utilities) 13:50 - Simon Harrison (Harrison OT Services): Sensors and Instrumentation – Yesterday, Today, Tomorrow 14:15 - Matt Theakstone (Schneider Electric): Exploring how Sensor Data and Systems can be Brought Together to Support Water Network Operations 14:40 - John Gaffney (Siemens), Killian Gleeson (University of Sheffield) & Alan Brown (Northumbrian Water): Water Quality Analytics as a Service – Insights and Learning from the OFWAT Innovation Project	Workshop 2: From Crisis to Control – How Smart Sensing Tackles Burst Rising Mains and Prevents Pollution Facilitators: Kat Dobbs (Anglian Water) & Sarah Brooks (Klarian) 13:45 - Introduction: Current state of play Contributors: Lorenzo Pompa & Hannah Brunsden (Anglian Water) 14:05 - Bringing PS & RMs to the 21st century Contributors: Tori Roberts (StormHarvester), Adam Cartwright (Siemens), Peter Henley (WRc) & Anna Andersson (Klarian) 14:50 - Interactive session – defining the baseline Contributors: Mark Hendy & Hans Verschueren (Badger Meter)
15:05	Refreshments	
15:35	15:35 - Lynne Bouchy (Createch 360º): How AI & Smart Control Revolutionize Process Efficiency: Full Scale Examples Both in Water and Wastewater Treatment 16:00 - Abi Croutear-Foy (AquaWatch): AI Isn't Smarter Than You... But It Can Be Faster at Being Wrong - Why AI won't save water unless we fix the boring bits first 16:25 - Panel Discussion	15:35 – Creating the ideal solution Contributors: Paul Horton (Future Water Association) & James Ballard (Severn Trent) 16:15 - Wrap-up
16:45	Close of Day 1 – Mike Strahand	

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09:00	Registration & Refreshments	
09:30	Welcome from SWIG chair – Mike Strahand	
09:35	Keynote – Dr Piers Clark (Isle Utilities) : Innovation in The Water Sector: The Good, the Bbad and the Ugly	
10:05	Session 3: Comprehensive Situational Awareness – A Single Pane of Glass for Data-Driven Decisions 10:05 - Introduction from chairs: Sarah Brooks (Klarian) & Darren Coleman (Anglian Water) 10:15 - Malcolm Kingston (British Pipeline Agency): BPA’s Journey: From New Control Rooms to Data-Driven Challenges 10:30 - James Ballard (Severn Trent): Sensing our Way to Interconnected Visualisation, Simulation, Optimisation 10:50 - Kacper Konstanczak (Northumbrian Water): Making Data Matter: Intent as the Missing Link Between Measurement and Meaning	Workshop 3: Regulators Roundtable – The Future Role of Sensors in Wastewater Regulation Facilitators: Leo Carswell (WRc) & Oliver Grievson (AtkinsRéalis) Contributors: Dom Shepherd (Environment Agency), Paul Horton (Future Water Association), Mark Squire (Natural Resources Wales), Dr Heather Smith (Cranfield University) 10:05 - Part 1: Opening perspectives and historic learning
11:10	Refreshments	
11:35	11:35 - Matt Westgate (VEGA): From Sensors to Strategy – Enabling Situational Awareness Through Smart Instrumentation 11:55 - Anna Andersson (Klarian): CSA: How Not to Get Lost in an Interconnected Data Universe? 12:15 - Simon Gaskell (Jacobs): Is My Single Pane of Glass the Same as Yours? 12:35 - Panel Discussion	11:35 - Part 2: Discussion
13:00	Lunch	
14:00	Session 4: Environmental Impact and Compliance – Monitoring for a Sustainable Future 14:00 - Introduction from chairs: Rich Bragg (United Utilities) & Oliver Grievson (AtkinsRéalis) 14:05 - Tom Lendrem (Badger Meter): Online BOD Monitoring in Final Effluent - How to Design and Implement a Trial in the Water Industry 14:30 - Andy Thornton (Jacobs) - From Sensing to Sustaining: Data-led Compliance and Climate Resilience in Wastewater Systems 14:50 - Ben Thompson (United Utilities): Final Effluent Monitoring: Easy Peasy... Right?	Workshop 4: European Collaborations in Water Sensor Research 14:00 - Welcome & Introduction: Dr Andy Nichols (University of Sheffield) & Prof Richard Luxton (UWE) 14:10 - Project showcase: TWIN-WATERS – Prof Darren Reynolds (UWE) 14:30 - Project showcase: CoUD-Labs – Dr James Shucksmith (University of Sheffield) & Dr Manu Picallo (Universidade da Coruña) 14:50 - Project showcase: Zaitrus – Till Zwede
15:10	Refreshments	
15:30	15:30 - Cobus Compion (Wessex Water): Wessex Water’s Section 82 CWQM Trials: Lessons Learnt Beyond Just Sondes 15:50 - Hannah Gunter (Proteus Instruments): The Ripple Effect: How Effective Monitoring Drives Sustainability 16:10 - Panel Discussion	15:30 - Breakout groups Facilitators: Prof Simon Tait, Dr Isabel Douterelo & Dr Will Shepherd (University of Sheffield) and Sonja Ostojin (Cura Terrae Water) 16:15 - Feedback & discussion
16:30	Conference close – Mike Strahand	