

21 st September 2011		22 nd September 2011	
09.00-10.00	Registration and exhibition browsing	09.00-09.30	Registration and exhibition browsing
10.00-10.10	Welcome by Chris Jones, R&D Manager, Northumbrian Water and SWIG Chairman	09.30-10.00	Keynote Speaker: Control in Real Time: Changing the Risk Balance Derek Parsons, Principal Engineering Advisor, Ofwat
10.10-10.30	Keynote Speaker: Are current sensing systems used in the water industry fit for purpose? Milo Purcell, Deputy Chief Inspector (Regulations), DWI		
Water Monitoring		Wastewater Monitoring	
10.30-10.35	Introduction Robin Lennox, ICA Specialist, South West Water	10.00-10.10	Introduction Richard Luxton, Director, Institute of Bio-Sensing Technology (UWE)
10.35-10.55	Continuous monitoring of Free Chlorine and Disinfection By-products Phillipe Trosch, Application Manager, Swan Analytical	10.10-10.30	Innovations in Water Sensing Using Optical Techniques Dr Darren Reynolds, Reader in Biosensing Research (UWE)
10.55-11.15	FAIMS: current methods and future developments for water monitoring Billy Boyle, Owlstone	10.30-10.50	Automatic Polymer Control on a dewatering centrifuge Mike Riding, Managing Director, Process Instruments
11.15-11.45	Coffee and networking	10.50-11.20	Coffee and networking
11.45-12.05	Trial results using S::CAN & the COM::PASS automated coagulant control system Adam Tildesley, Water Quality Scientist, South West Water & Joanne Claronino, Senior Process Engineer, Severn Trent Water	11.20-11.40	Optical Dissolved Oxygen Technology – the Development so far David Wilson, Sales Manager, In Situ Inc
12.05-12.25	Real time condition monitoring and early warning of failure of potable water using novel fluorescence spectroscopy instrumentation Dr Daniel Brown, Birmingham University.	11.40-12.00	Autonomous Microfluidic Analyser for Wastewater Monitoring John Cleary, CLARITY Centre for Sensor Web Technologies, Dublin City University
		12.00-12.20	Remote Event Monitoring of Receiving Waters Dr Peter Skipworth, Managing Director, Environmental Monitoring Solutions Ltd
12.25-12.45	Q&A session	12.20-12.40	Q&A session
12.45-14.00	Lunch and networking and SWIG AGM	12.45-13.45	Lunch and networking
Managing risk		Data quality	
14.00-14.10	Introduction Andrew Chappell, Technical Advisor, Environment Agency	13.45-13.55	Introduction Leo Carswell, Principal Consultant, WRc plc
14.10-14.30	Intake protection using the FASTflow fluorimeter Justin Dunning, Sales Manager, Chelsea Technologies Group	13.55-14.15	Rich Data Quality: what it is and why you need it Dave Stow, Telemetry Design Authority, United Utilities
14.30-14.50	Know the Flow: Managing Discolouration Risk Stewart Husband, Sheffield University & Herve Vicente, Northumbrian Water Ltd	14.15-14.35	Quis Custodiet Ipsos Custodes? (Who Guards the Guardians?) Simon Mazier, Business Development Manager, Perceptive Engineering
14.50-15.10	Reducing the Risk of Sewer Flooding using Low Cost Alarms David Walters, Principal Research Engineer, Thames Water	14.35-14.55	What is driving Data Quality within the UK water industry? Yvonne Gordon-Walker, Senior Consultant, WRc plc
15.10-15.30	A case study to show advances in ultrasonic technology to detect pump blockages and burst rising mains Alistair Mackinnon, Pulsar Process Measurement	14.55-15.15	Quality Assurance of the Water Sampling Process Tim White, Managing Director, Marquis & Lord
15.30-15.50	Q&A session	15.15-15.35	Q&A session
15.50-16.00	Close of Day 1 (Chris Jones)		
16.00-18.15	Afternoon Tea, Exhibition and networking	15.35-15.45	Conference Close (Chris Jones)
19.00	Pre-dinner drinks sponsored by ABB	15.45-17.00	Tea and networking and home
20.00	Conference Dinner with after-dinner speaker (John Gray, ex Deputy Chief Inspector, DWI)	www.swig.org.uk	