



Process Control

22 June 2016

**Steam Museum Kempton Park Water Treatment Works, Snakey Lane, Hanworth, TW13 6XH
(TW13 7ND for sat-nav)**

This workshop will look at how the UK water industry is achieving increased treatment performance, reducing cost and managing risk through the implementation of advanced process control systems. The focus will be on case studies where new concepts, many taken from other sectors, have been applied to combine sensors, with control algorithms and automation. The day will cover both water and wastewater process control and is aimed at water company employees seeking to understand recent advancements and potential opportunities.

Chair: Anthony Kyriacou, Severn Trent Water

09:30 Coffee & registration

10:00 Introduction. **Anthony Kyriacou, Severn Trent Water**

10:20 The role of modelling in process control. **Jeremy Dudley, WRc plc**

10:50 Tea, Coffee and Networking

11:10 Intelligent Sewage Pumping Stations. **James Ballard, Severn Trent Water**

11:40 Advanced real time control of the ASP to deliver energy savings and compliance assurance.

Michael Dooley, Strathkelvin Instruments

12:10 On-line sensors for water treatment control. **Mike Strahand, ATi**

12:40 Lunch & Networking

13.40 Advanced coagulation control. **Roger Powell, PMA**

14.10 Process Resilience via Advanced Monitoring and Control. **Simon Mazier, Perceptive Engineering**

14.40 Sensors in Water Networks – moving from C19 to C21. **Paul Rutter, Thames Water**

14.55 Discussion & close

15:15 Tour of the museum

SWIG REGISTRATION: The cost of attending the Workshop is £86.00 inc VAT for SWIG members. £156 inc VAT for non-members. £43 for students. Literature may be distributed for a fee of £65 and a limited number of table top displays are available at £124 each. Registrations can be made by Tel 01934 830658 or by email to rosa.richards@swig.org.uk or using the on-line booking form. **Please advise of any special dietary requirements at time of booking.** Cancellation policy: Refunds can only be made if cancellations are notified at least 5 days in advance of the Workshop date.