

The challenges for flow metering in a smarter water industry

6 March 2019

Sir Daniel Gooch Theatre Room, Steam Museum, Fire Fly Ave, Swindon SN2 2EY

The water industry has been challenged to make further significant cuts in leakage and consumption in the next 10 years. Technology, in the form of smarter and more data driven systems, is expected to play a major role in helping meet these targets. Flow is likely to remain one of the most fundamental and important parameters for understanding and managing networks from source to tap. So how will the demands on flow measurement and metering change? Will it, for example, be for better accuracy, low flow sensitivity, data availability or assurance of data quality? How will the flow measurement and metering systems being developed and installed now meet those needs? This seminar will look at the demands on flow measurement and metering in tomorrow's networks and the solutions being developed and implemented to meet those challenges.

Chair: Andy Godley, Water Research Centre

09:30 Tea, Coffee & registration

10:00 Introduction by the Chairman. **Andy Godley, Water Research Centre**

10:10 Options for metering when there is no possibility of Turing the water off.
Mikal Willmott, Severn Trent Water

10:40 Large meter verification and uncertainty. **Rhys Durham, WRC**

11:10 Tea & Coffee

11:30 Cost-effective clamp-on metering for water. **Andy Hammond, Flexim**

12:00 Insertion metering case studies. **Alex Buddrick and David Miles, Nivus**

12:30 Developments in electronic verification. **Danny Ronson, Siemens**

13:00 Discussion & Lunch

14:00 Does data lie to you? **Luke Stanbridge, Z-Tech**

14:30 Successes and Challenges of a Smart Metering Programme. **Stavros Karachountris, Thames Water**

15:00 Discussion

15:30 Close

REGISTRATION: The cost of attending the Workshop is £92.00 inc VAT for RSC and SWIG members. £166 inc VAT for non-members. £20 for students. Literature may be distributed for a fee of £69 and a limited number of table top displays are available at £132 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.