

## Operational Data Quality

26 September 2018

The Mansion, Bletchley Park, Sherwood Dr, Bletchley, Milton Keynes MK3 6EB

Today's water control centres face significant challenges in delivering improvements to customer service, the environment and cost efficiency, particularly in moving from reactive to more proactive management of service impacting issues and further improving compliance and asset optimisation opportunities. This means anticipating performance, condition and cost avoidance opportunities and improving preventative capability, network agility and resilience and achieving calmer (water) networks with fewer interventions. This includes assessing risk in real time and improving co-ordination and control of all system interventions. For this to be achieved there must be a greater focus on ensuring adequate data quality.

The aim of this SWIG workshop is to investigate the impact of poor data quality, the processes currently in place to assure data quality, best industry practice and how research and innovation will shape future data management.

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**Chair: Ant Tyler, Thames Water**

09:30 Tea, Coffee & registration

10:00 Introduction by the Chairman. **Ant Tyler, Thames Water**

10:10 Water company perspective. **Andrew Saqladi, Anglian Water**

10:40 Instrumentation procurement, installation & maintenance. **Oliver Grievson, SWIG Director**

**11:10 Tea & Coffee**

11:30 A framework for tackling data quality. **Ant Tyler, Thames Water**

12:00 Water Intelligence through Instrumentation – the source of data. **Geoff King, Hach**

**12:30 Discussion & Lunch**

13:45 How Schneider Electric ensures data quality through our EcoStruxure architecture. **Richard Luke, Schneider**

14:15 How to handle uncertainty in data. **Mark Farrow-Smith, Microsoft**

14:45 Hydraulic and water quality data for models calibration & the impact of spatial and temporal resolution. **Ivan Stoianov, Imperial College London**

15:15 Discussion

15:30 Close

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**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](mailto: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.