

Distribution system monitoring

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Water Research Centre

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Tel 01793 865000 Location map: <http://www.wrcplc.co.uk/default.aspx?item=339>

The water distribution system in the UK is about 410,000 km in length, that's equivalent to one water main going around the earth 10 times. For all its size, the amount of monitoring carried out on the distribution network is limited mostly to flow and pressure at key points. The management and operation of the water distribution network is key to ensuring a continuous supply of safe drinking water to consumers. This workshop will discuss some recent and leading edge initiatives aimed at improving distribution system monitoring to ensure efficient operation of the network.

Chairman: **Dene Marshallsay, Artesia Consulting Ltd.**

- 09.15 Coffee & registration
 - 10.30 Overview of the drivers and needs for distribution monitoring
Dene Marshallsay, Artesia Consulting Ltd.
 - 10.45 Project Neptune
Ridwan Patel, Yorkshire Water Ltd.
 - 11.15 Coffee
 - 11.45 WINES project – Smart infrastructure monitoring
Ivan Stoianov, Imperial College
 - 12.15 The necessity of modelling in maintaining operational efficiency
Robin Armstrong, HydroCo Ltd.
 - 12.45 Discussion & Lunch
 - 13.45 Knowledge based field engineering in the water industry
John Brooke, Manchester University
 - 14.15 Recent developments in network flow monitoring
Andy Godley, WRc plc.
 - 14.45 Leakfrog
Guy Chant, Qonnectis Networks Ltd.
 - 15.15 Discussion & close
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Registration:

The cost of attending the Workshop is £70.00 incl VAT for members of SWIG and £130.00 incl VAT for non-members. Literature may be distributed for a fee of £50 incl VAT and a limited number of table top displays are available at £100 incl VAT each. Registration can be made using the on-line booking form at: http://www.swig.org.uk/events_future_01.html or by phone or fax to 015242 71461 or email to info@swig.org.uk.

Cancellation policy: Refunds can only be made if cancellations are notified at least 5 days in advance of the Workshop date.