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SWIG
SENSORS FOR WATER INTEREST GROUP

GUTERMANN

Leakage webinar:
How can sensors help reduce leakage?

2 February 2022
Webinar

Ofwat threw down a major challenge to the water industry this AMP - to reduce leakage by 15%. This is no mean feat, and is requiring innovation in many areas including pipe manufacture and installation, and rapid identification and location when leaks do break out. This workshop will address questions including:

- Where is the industry in utilising sensor technology to achieve the 15% target?
- What strategies should the industry be adopting to reduce leakage?
- What further role can sensors play in reducing leakage?
- How can sensors be used to make new leak-free networks?
- What innovations should we expect in the medium term to eliminate leakage in the future?

Chair: Andy Godley, Water Research Centre

13:00 Introduction by the Chairman. **Andy Godley, Water Research Centre**

13:10 Strategies for leakage. **Glen Mountfort, Water Research Centre**

13:30 Water company perspective on leakage. **James Hargrave, Anglian Water**

13:50 Case Study - Zonescan NB IoT acoustic leak detection. **Paul Chandler, Gutermann Ltd**

14:10 Controlling the network using Smart PRVs. **David Taylor, Polymer Technologies**

14:30 Tea break/comfort break

14:50 Ultrasonic sensors for assessment of pipe blockages, internal geometry and wall condition?
Bruce Drinkwater, University of Bristol & Kirill Horoshenkov, University of Sheffield

15:10 Pipe leak detection and condition monitoring in real time. **Peter Farthing, Sensing Technologies**

15:30 Intelligent Valve Technology. **Simon Humphreys**, **iVapps**

15:50 Discussion

16:10 Close

REGISTRATION: Thanks to sponsorship from Gutermann Water we are able to offer free registration to SWIG members. For non members registration is £65 and for students, £26 unless their institution has SWIG membership. Registrations can be made by Tel 01934 830658 or to rosa.richards@swig.org.uk or using the on-line booking form.
Cancellation policy: Refunds can only be made if cancellations are notified at least 5 days in advance of the Workshop date.