



Innovation Workshop

27th November 2013

Exhibition and Conference Centre, University of the West of England,
Frenchay Campus, Coldharbour Lane, Bristol, BS34 8QZ

There is a wealth of new technology and innovation being developed in UK universities which often translates into the development of new products in industry. Successful translation and exploitation of academic research depends on recognising potential and forming necessary collaborations. This SWIG Innovation brokerage workshop is designed to bring together academic research groups and interested companies to identify potential technologies, collaboration, and exploitation opportunities in the area of sensor technologies developed for use in water.

The need for new sensor technologies for water is often driven by legislation and the need for regular measurements at lower concentrations, or the need for more rapid or more reliable measurements made at remote sensing sites. This encompasses a wide range of technologies that are used for measuring physical, chemical or biological parameters in or of water. For examples sensors that measure water pressure, height or chemical and biosensors for measuring dissolved components, pollutants or microorganisms. Sensor networks and data management are other important technology areas that form part of a modern water sensing system.

Chair: Richard Luxton, IBST, UWE

9.30 Tea, Coffee & registration

10.00 Introduction. **Chairman, Richard Luxton, IBST, UWE**

10.10 *Session 1 Novel Sensor Technologies*: 10 minute presentations from: **Dr Hua Ping (University of Southampton), Grant Sellar (Heriot-Watt University), Dr Chris Warwick (University of Cranfield), Darren Reynolds (UWE)**

11.00 Tea & Coffee & Round Table Discussions with the presenters

12.00 *Session 2 Sensors, power management and communications*: 10 minute presentations from: **Mark Bowkett (TE Labs Ltd), Justin Dunning (Chelsea Technologies Group), Colin Sworder (Integrated Sky), Brian Back (Radio Data Networks)**

12.40 Round table discussions with the presenters

13.00 Lunch and Networking

13.50 *Session 3 Flow and data collection*: 10 minute presentations from: **Doug Anderson (VEGA), Andy Nicholls (University of Bradford), Dr Ivan Stoianov (Imperial College), Keith Huxford (CSols Ltd)**

14.20 Round table discussions with the presenters

15.20 Summing up and close

REGISTRATION: The cost of attending the Workshop is £80.00 inc VAT for SWIG members. £145 inc VAT for non-members. Literature may be distributed for a fee of £60 and a limited number of table top displays are available at £115 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.