

# Water quality measurement & monitoring



17th February '05

University of Durham, Collingwood College

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Maintaining and further improving the already very high water quality in the UK is a challenge. Regulation and public perception will increasingly demand that the quality of the water be demonstrated with data the quality of which can be demonstrated. The Food Standards Agency advocates the Hazard Analysis Critical Control Point (HACCP) system of food safety management as the most effective way for food businesses to ensure consumer protection. The Bonn Charter for Safe Drinking Water adopts a similar principle, stating, "systems to ensure drinking water quality should not be based solely on end-of-pipe verification (testing against predetermined standards). Rather, management control systems should be implemented to assess risks at all points throughout water supply systems and to manage such risks". This Workshop will review the techniques used to apply these principles and assess future needs and opportunities.

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## Chair; **Chris Jones, Northumbrian Water**

9.30 am Coffee & registration

10.00 am An introduction to HACCP **Chris Jones, Northumbrian Water**

10.15 am Defining Water Quality **Peter Marsden, Drinking Water Inspectorate**

10.45 am Coffee

11.00 am Source to tap – a company view **Sue Mitchell, Northumbrian Water**

11.30 am The Water Industry needs  
**David Holt, Thames Water and Gary O'Neill, Yorkshire Water**

12.00 pm The role of the test kit **Val Argent, Palintest**

12.30 pm Discussion & Lunch

1.15 pm The role of Valid Analytical Measurement **Jeff Ruddle, LGC**

1.45 pm Rapid detection of coliforms **Mark Algar, DW Scientific**

2.15 pm Recent developments in on-line optical instrumentation for water quality applications  
**John Kupczak, Siemens**

3.15 pm Water quality in the food industry  
**Ian Blakemore, Food Processing Faraday Partnership**

3.45 pm Discussion and close

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The cost of attending the Workshop is £60 inc VAT for members and £95 inc VAT for non-members.

Cheques should be made payable to SWIG and sent to: SWIG, 27 West Green, Barrington,

Cambridge, CB2 5RZ Tel/Fax 01223870967

email [michaeljscott@compuserve.com](mailto:michaeljscott@compuserve.com)

Literature may be distributed for a fee of £50 and a limited number of table top displays are available at £100 each

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