



## The need for new sensors

Joint SWIG / Optocem.net Workshop - 23<sup>rd</sup> November 2006

The National Memorial Arboretum, Alrewas, Staffordshire. DE13 7AR Tel 01283 792333

The measurement needs for process control and monitoring the environment continue to grow and evolve. The SWIG supported Optocem.Net, a DTi Knowledge Transfer Network, is concentrating on the commercial opportunities for optoelectronic sensing of chemicals in the gas and aqueous phases. This workshop will open with presentations on the latest Optocem.Net roadmaps for the development and commercial exploitation of gas and aqueous sensors to meet these needs. There will be opportunities to hear directly from the water industry and the environmental regulators on their views of the challenges these needs are presenting. How these challenges can be met by instrument manufacturers and academia with many fast moving technologically novel methods will be discussed. The potentials for better, cheaper and easier to use instruments to meet industrial and societal needs and that can be commercially viable for the both the supplier and the user will be explored. This is a must event for all those in the water industry, academia, sensor industry and regulators with an interest in the future exploitation of sensors.

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### Chairman: Michael Scott, Optocem.Net

- 09.45 Coffee & registration
- 10.10 Introduction  
**Michael Scott, Optocem.Net**
- 10.15 Water industry requirements for new sensors to meet key compliance monitoring challenges  
**Guy Forrest-Hay, Severn Trent Services**
- 10.45 The Optocem.Net. aqueous sensors roadmap  
**Michael Scott, Optocem.Net**
- 11.15 Coffee
- 11.30 The Optocem.Net gas sensors roadmap  
**Robert Bogue, Optocem.Net**
- 12.00 Automated environmental monitoring within the Environment Agency  
**Nick Holden / Simon Browning, Environment Agency**
- 12.30 Discussion & lunch
- 13.30 Trace measurements and the future for hand held technologies  
**Caterina Netti, Mesophotonics**
- 14.00 Hyphernating sensor technologies  
**Peter Fielden, Manchester University**
- 14.30 Cameras for remote industrial monitoring  
**David Cawkell, Sesys**
- 15.00 Discussion & close

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The cost of attending the Workshop is £65 inc VAT for members of SWIG and Optocem.Net and £115 inc VAT for non-members. Literature may be distributed for a fee of £50 and a limited number of table top displays are available at £100 each Cheques should be made payable to SWIG and sent to: SWIG, St. Michael's House, Whittington, Carnforth, Lancashire. LA6 2NX Tel./Fax. 0044 (0) 15242 71461 Email: info@swig.org.uk

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