

# Visualisation as a tool for measurement & monitoring



20th April '05  
Schlumberger, Cambridge  
[www.cambridge.scr.slb.com](http://www.cambridge.scr.slb.com)

The oil industry and the water and waste treatment industry both have the problem of trying to understand large and complex structures from disparate and partial data; both temporally and spatially. Visualisation is a way of integrating such data so as to allow a broad range of users to gain an understanding of the issues and dynamics of such structures; sometimes from a considerable distance from the structure.

This is a valuable opportunity to have a “cross boundary” view and debate on how to turn large amounts of information into readily appreciable “pictures” It is also an opportunity to visit the Schlumberger “tent”

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## Chair: **Andrew Meredith, Schlumberger**

9.30 am Coffee & registration

10.00 am The value of visualisation **Alex Alexander, Schlumberger**

10.15 am Reservoir modelling for storage and retrieval  
**Jean Peirre Delhomme, Schlumberger**

10.45 am Coffee

11.00 am Visit to visualisation I-Centre. (in two groups)  
**Ed Smith & Alex Alexander, Schlumberger**

11.30 am Monitoring technology **Didier Largeau, Schlumberger**

12.00 pm The challenges of multiple measurements **Andrew Palmer, Censar**

12.30 pm Discussion & Lunch

1.15 pm 3D visualisation of open channel flow **Dr Hoi Yeung, Cranfield University**

1.45 pm Monitoring to informatics **Nick Holden, Environment Agency**

2.15 pm Augmenting reality to improve understanding  
**Prof Bryan Denby, AIMS-Solutions**

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

You can pay by Visa, Mastercard, VISA Delta, Switch, JCB, Solo, Maestro

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