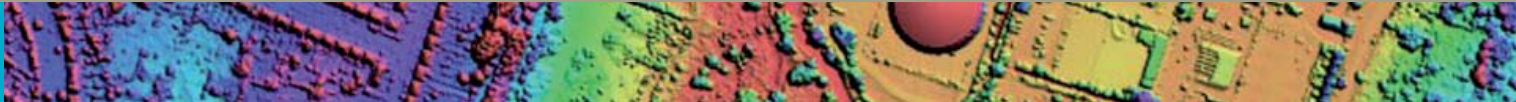


# RSPSoc Annual Conference 2009

8 - 11 September 2009



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## Call for Papers

On behalf of the Society, the local organising committee are very pleased to invite you to submit papers to the RSPSoc 2009 Annual Conference 'New Dimensions in Earth Observation' on the following topics. Please see our web site for details of workshops and side events.

### Instrumentation

- Image sensor technology (including activities associated with ISPRS Working Group V/5) to be chaired by Martin Smith, University of Nottingham
- EO instrumentation (including unmanned aerial vehicles – UAVs)

### Techniques

- 3D modelling and visualisation
- Photogrammetry
- Airborne, terrestrial and spaceborne laser scanning (in association with the Laser Scanning & Lidar SIG)
- Radar (in association with the SAR SIG), including polarimetric and interferometric developments, new sensors (e.g. ALOS PALSAR, TerraSAR-x) and applications
- Classification (including object-based approaches and feature extraction)
- Uncertainty and fuzziness
- Calibration and validation
- Joint Modelling and Advanced Techniques (MAT) SIG and Vegetation

SIG session to be chaired by Tristan Quaife, University College London and Heiko Balzter, University of Leicester

- Techniques and Applications for Recording, Monitoring and Visualising Cultural Heritage (in association with the Archaeology SIG and ISPRS Working Group V/2) to be chaired by Chris Brooke, University of Nottingham

### Earth Science

- Close range morphological measurement for the Earth sciences (including activities associated with ISPRS Working Group V/6) to be chaired by Jim Chandler, Loughborough University
- Geology and solid earth (associated with the Geological Remote Sensing Group - GRSG), to be chaired by Colm Jordan, British Geological Survey

### Land and Atmosphere

- Land/atmosphere interactions (including land surface temperature)
- Fires: mapping, modelling, emissions and impacts

- Forests and vegetation: deforestation, degradation, regeneration, REDD
- Land cover, land use and change (in association with the Land Cover and Land Use SIG)
- Carbon from space
- Agriculture

### Marine and Cryosphere

- Ocean colour and marine remote sensing (including activities associated with ISPRS Working Group VIII/6) to be chaired by Sam Lavender, University of Plymouth
- Sea surface temperature
- Snow and ice

### Other

- Essential climate variables
- Natural hazards
- EO futures, to be chaired by Anthony Denniss, Infoterra Ltd.
- Teaching EO session (in association with the Education and Training committee of RSPSoc), to be chaired by Alex Koh, Bath Spa University

## Important dates:

15th February 2009: Abstract submission portal opens at: [www.rspsoc2009.org](http://www.rspsoc2009.org)  
27th March 2009: Deadline for abstract submission  
8th April 2009: Registration portal opens at: [www.rspsoc2009.org](http://www.rspsoc2009.org)  
30th April 2009: Abstract acceptance notification  
30th June 2009: Deadline for submission of full paper

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