

Earth Observation in the Sentinel Era

**RSPSoc, NCEO and CEOI-ST
Joint Annual Conference
8-11 September 2015**

Hosted by Geography and Environment
University of Southampton

Call for Abstracts





CALL FOR ABSTRACTS

The organising committee would like to invite you to the RSPSoc, NCEO and CEOI-ST joint annual conference 2015 at the University of Southampton from 8th to 11th September 2015. This year the RSPSoc, NCEO and CEOI-ST communities will be brought together in one conference focused around ESA's Copernicus programme.

This year will be a remarkable year in Earth observation history as two of the Sentinel satellites (2 and 3), part of the ESA Copernicus programme, are planned for launch. To mark this occasion and the success of Sentinel-1, the theme for this year's conference is **'Earth Observation in the Sentinel Era'**. A number of keynote speakers and a broad and exciting technical programme will provide a forum to introduce research opportunities around the Copernicus programme, and for the international community to demonstrate exciting applications and recent advances in the processing and analysis of remotely sensed data and in the next generation of remote sensing technologies.

Potential session topics include :

- Data assimilation
- Earth system models and global EO datasets
- Photogrammetric methods and 3D imaging
- Sentinel missions, data management and products
- Space-time data analysis
- Calibration and validation of EO data and products
- Copernicus services
- Application and developments of UAV technology
- Lidar techniques and applications
- Wildfire emissions monitoring and modelling
- Land cover & land use change
- Vegetation monitoring and characterisation
- Near Earth remote sensing
- Remote sensing the urban environment
- SAR interferometry

- New observing systems
- Radiation and clouds
- Novel remote sensing techniques
- Monitoring natural hazards and disasters
- Atmospheric chemistry and air quality
- Ocean geophysical product derivation
- The cryosphere
- Remote sensing of coastal and inland waters
- Agriculture and forestry EO applications
- EO and climate change

Session opportunities

If you would like to organise a session at the conference related to the above themes or if you would like to organise a session on a different theme, please **contact us**.

Workshop opportunities

In addition, we will hold dedicated workshops and sessions for the Special Interest Groups (SIGs) of the Society which will be run on Tuesday 8th September 2015. If you are interested in developing a workshop please **contact us** and we will try to accommodate you.



Social Events

It's not all work.....there is also an exciting social programme which includes an ice breaker event at the **Ageas Bowl** cricket stadium (with an event for early career researchers), an evening cruise and buffet around the Southampton Solent and the conference dinner at the **De Vere Grand Harbour Hotel**.

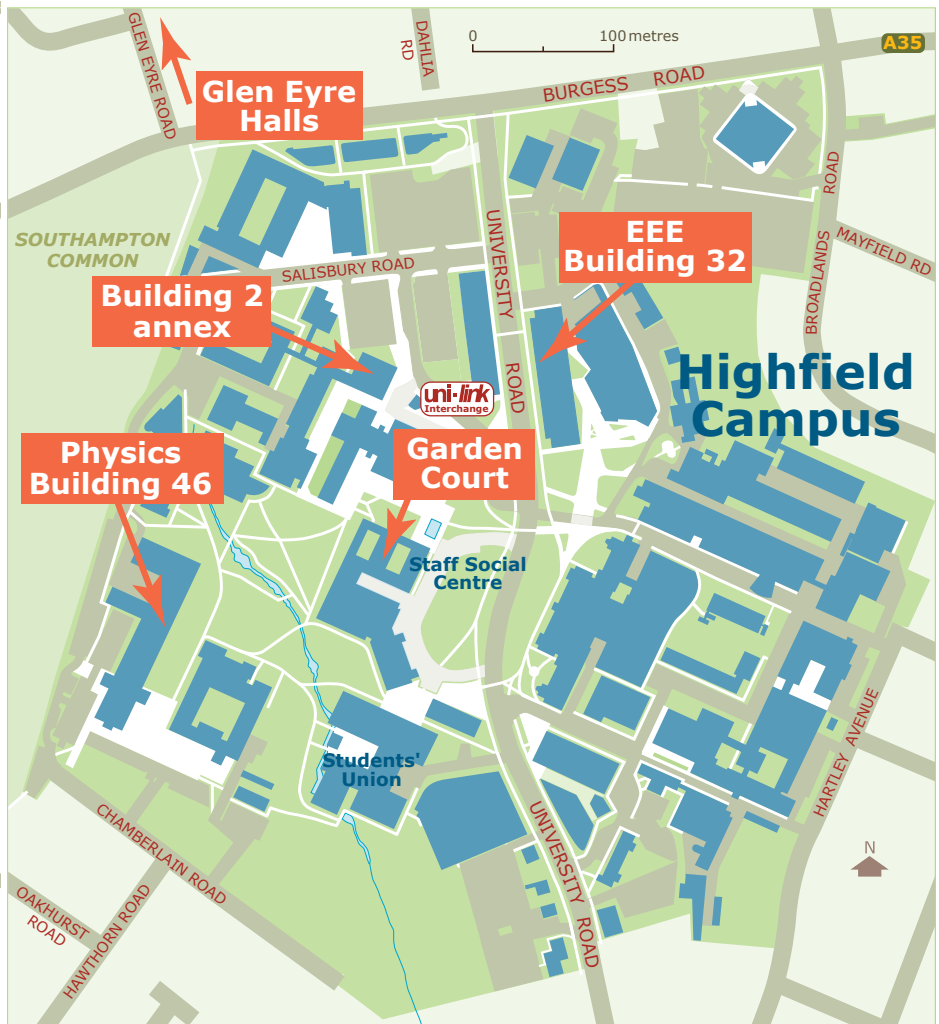
Conference Location and Accommodation

The conference takes place at the Highfield campus at the **University of Southampton**. Southampton has good rail links (London is 1hour 20minutes away), an **airport** just a few miles away and a **National Express** coach station which provides services to the main London airports.



Accommodation (all en-suite) is available at the University halls of residences (**Glen Eyre**) which is approximately a 10 minute walk from the Highfield campus. Discounted rates at several hotels have also been secured for a limited number of rooms in each. The hotels are the **Grand Harbour Hotel**, the **Highfield House Hotel** and the **Hilton**; all of which are within a few miles of the Highfield campus. A bus service will be provided to shuttle delegates to and from the conference.

Please note that Southampton Boat Show is taking place between the 11th-20th September and it is strongly advised that you book your accommodation as soon as possible.



Registration and Abstract Submission

Delegates can register and submit their abstracts for the RSPSoc, NCEO and CEOI-ST joint annual conference at the conference website: <http://rpsoc2015.org>.

Key Dates

- Abstract submission deadline : 1st May
- Notification of abstract acceptance : 1st June
- Submission of full paper (maximum 4 pages) : 1st September
- Early bird registration deadline : 1st July
- Final registration deadline : 3rd September
- Workshop proposal deadline : 1st May

Conference Fees

The conference fee includes breakfast, lunch, attendance at the ice breaker and Solent river cruise social activities, conference information pack and transport from specified hotels to the Highfield campus.

Early bird registration :

- RSPSoc Member = £250 (3 days); £125 (daily rate)
- RSPSoc Member Student = £120 (3 days); £60 (daily rate)
- Non-Member = £340 (3 days); £170 (daily rate)
- Non-Member Student = £170 (3 days); £85 (daily rate)
- NCEO and CEOI-ST member = £250
- NCEO and CEOI-ST student member = £120

Standard registration :

- RSPSoc Member = £350 (3 days); £175 (daily rate)
- RSPSoc Member Student = £170 (3 days); £85 (daily rate)
- Non-Member = £440 (3 days); £220 (daily rate)
- Non-Member Student = £240 (3 days); £120 (daily rate)

Conference Dinner (De Vere Grand Harbour Hotel) = £40

Accommodation at the Glen Eyre halls of residence = £32.95 (per night)

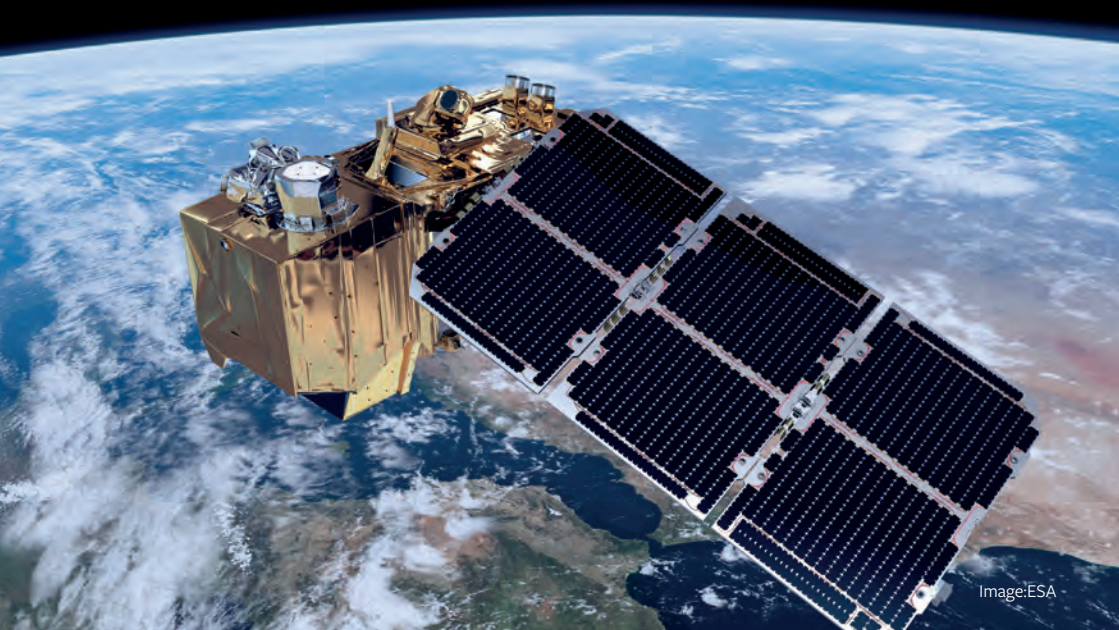
For further information on the RSPSoc, NCEO and CEOI-ST joint conference, please visit the conference website:

<http://rspsoc2015.org>

email:rspsoc@soton.ac.uk

**We look forward to welcoming you to
Southampton in September 2015.**

Peter M. Atkinson, Jadu Dash, Gareth Roberts, John Remedios and Mick Johnson
Convenors



**National Centre for
Earth Observation**
NATURAL ENVIRONMENT RESEARCH COUNCIL

**Centre for EO Instrumentation
& Space Technology**

