



**Offshore Site Investigation & Geotechnics
Committee 8th International Conference**

Smarter Solutions for Future Offshore Developments

12-14 September 2017

Royal Geographical Society, London

Including: ISSMGE 4th Bramlette McClelland Lecture
Special Issue of EAGE Near Surface Geophysics Journal
Conference Dinner at the Natural History Museum

Call For Papers - Abstract Deadline Extension – 31st March 2016

The SUT's Offshore Site Investigation and Geotechnics (OSIG) committee is pleased to announce that its 8th international conference, 'Smarter Solutions for Future Offshore Developments', will take place on 12th to 14th September 2017 at the historic Royal Geographical Society in South Kensington, London.

The conference series, which has run since 1979, offers a unique opportunity for geotechnical engineers, geoscientists and academics specialising in offshore topics to share their knowledge and experience. In addition to hosting the prestigious Bramlette McClelland Lecture, the 2017 conference will focus on new research and developments in site investigation data acquisition, evaluation and integration, geotechnical analysis and design as well as field operational experience. A special issue of the EAGE Near Surface Geophysics journal will be published preceding the conference with selected papers to be presented in a dedicated session. Our aim is to expand significantly the boundaries of knowledge and practice in offshore geotechnics and geoscience and their complementary nature.

The challenges currently faced by the offshore oil & gas industry call for innovative approaches to improve efficiency and rigour in practice, while the offshore renewable energy industry has identified and addressed, through major research programmes, key technical issues that must be solved to support its growing strength. High profile international incidents have also occurred across all sectors in recent years that pose significant data acquisition, engineering and operational challenges.

The SUT is calling for high quality papers that report on the above topics and other developments, set out new research findings and present innovative ideas as to how the sector can improve efficiency, develop more collaborative approaches and offer innovation towards Smarter Solutions for Future Offshore Developments.

Instructions for conference paper abstracts and conference themes are detailed overleaf. A template for abstracts is available to download from the SUT events webpage - www.sut.org/event/osig2017/. Authors who's abstracts are accepted for the EAGE publication should also consult 'Guidance for Authors' at www.nsg.eage.org and <http://mc.manuscriptcentral.com/nsg>.

Deadline for abstracts is 31st March 2016

Further information is available at: www.sut.org/event/osig2017

For any queries, and for details of sponsorship opportunities,
please contact SUT Events

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Offshore Site Investigation & Geotechnics Committee 8th International Conference Smarter Solutions for Future Offshore Developments

Instructions For Conference Paper Abstracts

The SUT is calling for conference paper abstracts on the following basis:

- Abstracts should be submitted in English and in 'Microsoft Word' format, using the abstract template which can be downloaded from www.sut.org/event/osig2017. Please do not send 'pdf' format abstracts
- All abstracts should be emailed to osig2017@sut.org no later than **31st March 2016** and, for geophysical submissions, authors should indicate whether they wish to be considered for the EAGE Near Surface Geophysics journal publication
- All primary authors will be notified of their abstract status by **30th April 2016**. Technical paper instructions to successful authors will also be provided at this time
- Successful authors are requested to submit draft papers for review by **30th November 2016**
- Following comments, final publication quality papers are required by **30th April 2017**

Conference Themes

To aid administration, authors are requested to select up to three primary categories / keywords for their abstract from the following list. It should be noted that these categories are indicative and the committee will consider all abstracts relevant to offshore site investigation, geophysics & geotechnics, including relevant case studies.

1. Shallow geology & geohazards
2. Seabed slopes, diapirs & slides
3. Hydrates & shallow gas
4. Seismic hazards & tsunamis
5. Tophole drilling & well engineering
6. Advances in geophysical data collection (including use of AUV) & processing
7. Geotechnical site investigation & characterisation
8. Learning from offshore incidents to reduce ground risk
9. Foundation research, design, construction & monitoring
10. Data integration & ground modelling
11. Efficiencies through optimisation & performance based design
12. Piled foundations
13. Suction installed foundations
14. Gravity based foundations
15. Jack-up rig foundations
16. Anchoring
17. Cyclic & seismic loading of foundations
18. Scour assessment & monitoring
19. Pipeline & cable seabed engineering
20. Risers & seabed interaction
21. Environmental & ecological impacts of seabed engineering
22. Decommissioning and seabed clean up
23. Working in polar environments
24. Climate change effects
25. Deep sea mining
26. Monitoring & overburden integrity for carbon storage