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Keynote talks:

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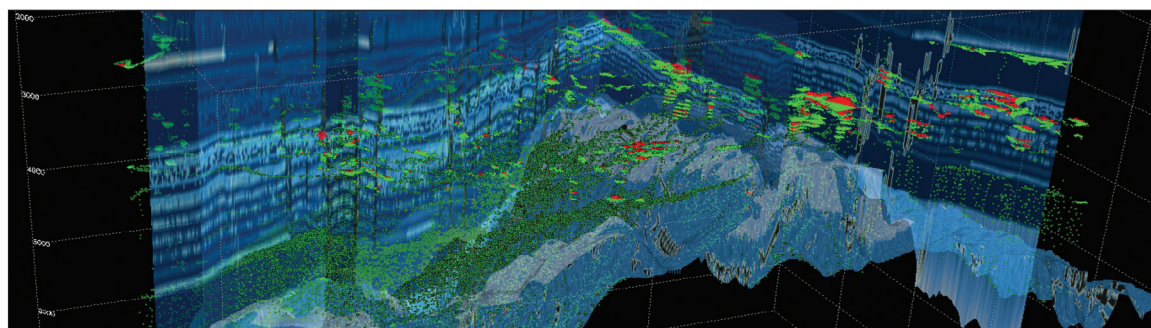
Call for Abstracts - Extended Deadline 31 May 2021

Basin and Petroleum Systems Modelling

Best Practices, Challenges and New Techniques

28 - 30 September 2021

The Geological Society, London and Virtually



The prediction of viable petroleum systems is critical to meet the growing energy demand. At the same time, the energy sector is shifting from traditional hydrocarbon to alternatives, and new disciplines such as carbon capture and storage are emerging. This meeting will discuss the importance of Basin and Petroleum System Modelling (BPSM) in exploration and evaluation of resources, focussing on best practices, recent developments, novel applications, and opportunities for the future. New and improved digital capabilities have enabled a more integrated approach to analysis; therefore, the impact of newly available data and technologies in BPSM will be reviewed.

BPSM key topics

- Best practices in different exploration scenarios: mature, frontier, and unconventional areas
- Effectiveness of modelling geological processes: heat flow; erosion; kinetics; thermal conductivity
- New techniques in BPSM
- Linking to new disciplines: carbon capture and storage; reservoir engineering; geothermal; and more
- Dealing with predicted risk and uncertainty
- Charge and migration modelling
- Case studies

The conference will bring together professionals from academia, government agencies, and industry to discuss BPSM through a series of presentations and panel discussions, suitable for both a specialist basin modeller and for a general exploration geologist. A dedicated student short talk will encourage participation from a new generation.

For further information please contact:

For more information please contact Sarah Woodcock, sarah.woodcock@geolsoc.org.uk, or visit the conference website: <https://www.geolsoc.org.uk/09-rescheduled-pg-petroleum-systems-modelling-2021>



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