



Call for Papers

Smart Operations: Driving a Lower Carbon Future

The Society for Underwater Technology, The Hydrographic Society in Scotland and The International Marine Contractors Association are jointly holding our annual online seminar in November 2021.

Our businesses continue to operate in mature regions – stable, predictable environments that can generate significant revenue. How we maximise profitability today is a significant contributor to funding lower carbon initiatives.

Mature regions expect a reduction of large greenfield projects – with operator focus shifting toward smart operations: efficient exploration methods, short cycle projects and lower OPEX. This promotes lower development costs, standardized infrastructure and increased utilisation driving production costs down. Our challenge is to deliver developments in the most efficient & sustainable way possible, maximising value **today, tomorrow** and for the **future**.

Abstracts of 150 words are invited considering the below topics of interest to members of all three societies, with the aim of providing a 20-minute presentation.

Today's challenges are to promote 'Infrastructure Led Exploration and Development' by considering:

- Data led decision-making
- Conversion of legacy data to digital
- Brown-field remote sensing & detection
- Reservoir monitoring techniques
- Enhanced Oil Recovery
- Re-purposing facilities

Tomorrow's challenges focus on delivering continued value more efficiently from existing facilities by considering:

- Standard tie-back approaches
- Basin data lakes
- Life extension / condition monitoring / inspection
- Economics / effective investment, how and where are the decisions made?
- Carbon footprint of operating, maintaining, and servicing new & existing infrastructure

Future challenges could unlock further value, through reducing cost and risk by considering:

- Un-crewed facilities and vessels
- Decarbonising vessel operations
- Subsea from shore – remote operations and interventions
- Infrastructure sharing agreements
- Simplifying commercial arrangements
- Subsea power generation & storage
- Robotics & Level of Autonomy

Abstracts should be submitted to callforpapers@sut.org by **30 July 2021**

All submissions will be acknowledged, and speakers advised by **31st August 2021** if their abstract has been accepted. Note: Sponsorship opportunities also exist with the option to deliver an elevator pitch. For more information contact callforpapers@sut.org