

OSIG Perth: Movie Night: What lies beneath...

Wednesday 29 June, 2016 – Parmelia Hilton Hotel (Swan Room), Mill St, Perth

Onsite Registration 5.30 pm: Presentations 6.00 pm – 7.30 pm Networking over drinks and finger food 7.30 pm – 8.30 pm

To register for the event visit www.trybooking.com/LQVE

Chaired by: Fiona Chow, Chief Geotechnical Engineer, Woodside Energy

The Offshore Site Investigation and Geotechnics (OSIG) Group is a special interest group of the Society for Underwater Technology (SUT). We promote technical advancement and knowledge sharing amongst academics and practitioners in the fields of geology, geophysics, geomatics and geotechnical engineering.

Join us for a relaxing evening of short movies showcasing the typically unseen geo-related aspects of projects and the development of innovative engineering solutions. All movies will be complemented by unique insights from the presenter(s).

Exploring the Deep Water Great Australian Bight: *Andrew Ross, CSIRO*

This movie will present a sampler of the types of research conducted by CSIRO on their last voyage in the Great Australian Bight aboard the R/V Investigator.

The Search for MH370: *Mark Roberts, Fugro Survey*

The southern Indian Ocean is a remote and inhospitable location to work. This movie provides an insight into the ongoing survey operations and the daily activities in the search for missing aircraft MH370.

Kårehamn Offshore Wind Farm: *Boudewijn van de Veire, Jan De Nul (Australia)*

This movie showcases the design, build and installation of 16 concrete gravity based foundations for the offshore wind farm of Kårehamn in Sweden. Today, 50,000 homes are powered annually by the CO₂ free electricity.

Installation of Hybrid Subsea Foundations: *Glen Dixon / Regis Wallerand, Subsea 7*

Subsea 7 has recently engineered and installed a Hybrid Subsea Foundation (HSF), a novel, flexible, and economic solution used to mitigate anticipated pipeline walking of a flowline on a deepwater development, offshore West Africa, in about 1000 m of water depth. HSF have been extensively studied through a recent combined research program involving BP, UWA and Subsea 7.

Prelude Takes Shape Beneath the Sea: *Brian Lamb, Shell E&P Australia*

With construction of the Prelude FLNG facility well underway in the shipyard in Geoje, we now turn to the coast of Western Australia, where another vital aspect of the world first Prelude project is beginning to emerge. Deep beneath the sea, in one of the loneliest places on the planet, Prelude will be connected to a critical network made up of Christmas trees, manifolds and flow lines, all connected to giant anchor piles. Their role, to control the flow of gas.

Physical Modelling of the Subsea: *Conleth O'Loughlin / Terry Griffiths / David White, UWA*

Simulations of the subsea environment and the behaviour of seabed infrastructure in UWA's unique centrifuge and O-tube facilities will be presented.

REGISTRATION FEES: SUT Members \$25: Non-Members \$45* (additional \$5 if registration at the door)

Event Sponsored by:

subsea 7

(1.5 CPD hours can be claimed for this event. Please keep flyer and receipt for auditing purposes.)



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OSIGp event registrations are online. Payment during the registration process (via Mastercard or Visa credit card) is required in order to secure your place. Should your organisation wish for an invoice, all names will be required upfront and changes in delegate numbers will not be permitted. To request an invoice please email perthevents@sut.org with all delegate names. Should you have any questions please contact the SUT on + 61 (0) 8 9481 0999 or email perthevents@sut.org.