

# Evening Technical Meeting: Innovative Field Development, Pragmatic Riser Analysis and Connecting with Moorings



Wednesday, 14<sup>th</sup> June 2017 ✦ 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.SUTETM14June2017.eventbrite.com.au](http://www.SUTETM14June2017.eventbrite.com.au)

Chaired by: Allison Selman, Coordinator, WISE (Women in Subsea Engineering)

## Subsea Field Development Engineering – The Greater Enfield Project

**Carolyn Thain, Subsea Delivery Manager, Woodside Energy Ltd**

Located 60km off Exmouth in Western Australia, the Greater Enfield Project sees the development of the Laverda Canyon, Norton over Laverda and Cimatti Oil accumulations. These reserves will be produced via a 31km subsea tie-back to the Ngujima-Yin floating production, storage and offloading (FPSO) facility, located over the Vincent Oil field. This presentation will focus on the technical challenges associated with the Greater Enfield Development, and will demonstrate how a combination of innovative thinking and the use of the latest technologies has enabled Woodside to accelerate the development of previously stranded resources.

## Flexible Risers and Dynamic Analysis

**Céline Lanoëlle, Lead Engineer, Atteris**

Dynamic risers are the link between subsea infrastructure and topsides, and are therefore critical components in an offshore field development. Various field conditions call for different riser types, but when most compliance is needed in the system, flexible risers are often selected to accommodate large floater excursions and motions. Their dynamic nature and complex structure require a detailed level of assessment to ensure integrity is maintained throughout their life, from installation to decommissioning, and including changes in operating conditions/envelope. This presentation will give a brief overview of flexible risers with a focus on dynamic analysis with a pragmatic approach.

## Subsea Anchor Chain Connection Device (ACCD 300)

**Emily Carmichael, Project Engineer, DOF Subsea**

The Anchor Chain Connection Device (ACCD) is designed for remote subsea connection and tensioning of mooring systems. The advantage of this concept is that chain tensioning and connection can be done at seabed, reducing pull-in tensions required and minimizing risk to personnel. In principle, the ACCD 300 can operate at any water depth, allowing subsea tensioning of mooring lines for CALM buoys, FPSOs, and other applications involving mooring chain. This presentation describes the technical details of the tool as it is currently designed, mainly focusing on its remote operability (ROV) and potential future applications.

*ETM programme is subject to change*

## REGISTRATION FEES:

Student/Individual/Corp Members \$30\*: Non-Members \$50: (additional \$5 if paying on night)

5 Ticket Member Pass: \$125 (Individual or Corporate)

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(correct at time of creating flyer)

**CPD = 1.5 hrs**

WISE have organised an engineering student meet and greet post-presentations in the Swan Room. This is a chance for students to speak directly with the presenters and other engineering leaders. A reminder will be announced on the night.

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