

Perth Branch

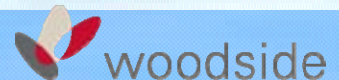
## Education and Research

Thursday 14<sup>th</sup> October 2010

**Melbourne Hotel** (John De Baun Room), **Corner of Hay & Milligan Street, Perth**

Bar Opens 5:30pm: Presentations Start at 6:00pm: Drinks and Canapés 7:30pm

Chaired by: **Harry Mackay, Woodside Energy Limited**



Perth has an active research community and educating our future technical and research leaders in underwater technology is critical for our industry's development. This technical evening showcases the diversity of subsea research and technology being conducted by students in Perth. There will be a number of short presentations followed by an informal poster session allowing SUT members to discuss the research in a social setting.

### Torsional Loading of Subsea Shallow Foundations

**Ben Holland, UWA**

### Implementing the Fast Multipole Boundary Element Method in MATLAB

**Daniel Wilkes, Curtin University**

### CFD Modeling of Seabed Shear Stresses around Subsea Pipelines

**Mengmeng Xu, UWA**

### On-bottom Stability Studies of Offshore Pipelines on Calcareous Sand

**Shivananje Gowda, UWA**

### The Virtual Control Buoy

**Akash Patel, UWA**

### Instability Analysis of a Flexible Channel Using Numerical Methods

**Lawrence Lai, Curtin University**

### The Effects of an Unstable Seabed on Subsea Pipelines

**Andrew Enfield Kirk, UWA**

**REGISTRATION FEES:** SUT Members \$10: Non-Members \$30\*

Join the Society of Underwater Technology Now

\*New 'Full' Members can attend this Evening Meeting **Free**\*

Apply for Membership today: Please see [www.sut.org.au](http://www.sut.org.au) for application form.

To help reduce registration time on the night, SUT would appreciate if you could register and pay for this event in advance. To do this please e-mail [perthevents@sut.org](mailto:perthevents@sut.org) with delegate name, affiliation and credit card details, or if you prefer call + 61 (0) 8 9446 9903 with above details.

If unable to pre register, registration and payment will still be accepted on the night.