



# The Australasian Hydrographic Society and The Society for Underwater Technology Present their 6<sup>th</sup> Joint Technical Seminar & Exhibition



## Autonomous Underwater Technology Subsea Solutions for a new Decade

Thursday 28<sup>th</sup> October 2010

Parmelia Hilton (Swan Room), 14 Mill Street, Perth, Australia

It is clear that subsea engineering challenges will require enterprising technological solutions over the coming decade. As the importance of the oceans is more fully recognised, and as resource production moves deeper, Autonomous Underwater Technology (AUT) will be a significant part of many of these solutions.

The Australian Hydrographic Society (AHS) and the Society for Underwater Technology (SUT) are jointly organising their 6<sup>th</sup> Technical Seminar & Exhibition in Perth, and this year it will encompass wider developments in autonomous technology.

This seminar has become one of the most important networking opportunities in the world for AUT technology, and will allow you to meet industry leaders and academic researchers in this innovative sector. It will update your knowledge of developments.

Who should attend: environmental scientists, oceanographers, pipeline engineers, oil & gas field development specialists, hydrographic surveyors, geophysicists, geotechnical engineers, survey operation managers, defence personnel, near shore port & security operators, customs and marine researchers.

### PROGRAMME

#### Wednesday 27<sup>th</sup> October

**Ice Breaker** 18.30hrs – 20.30, Belgian Beer Café, Hoegaarden Courtyard Bar

#### Thursday 28<sup>th</sup> October

**09.00 Registration, Tea/Coffee and Exhibition**

**09.30 Welcoming Address** by the Perth Branch Chairman, Society for Underwater Technology

**SESSION 1** *Chairman – Simon Redford, Gardline Marine Sciences Pty Ltd.*

**09.35 Keynote Address, John Tompson, CEO, RPS Group Ltd.**

**10.00 Seaeye Sabertooth – A Hybrid AUV/ROV Offshore System**  
Bert Johansson, Saab Underwater Systems AB

**10.35 Interferometric Synthetic Aperture Sonar in Pipeline Inspection**  
Roar Marthiniussen, Kongsberg Maritime AS

**11.10 Tea/Coffee & Exhibition**

**11.45 The expanding world of AUV – smart tools, smart solutions**  
Eric Robertson, Fugro Survey Limited

**12.20 The Development of Autonomous Semi-Submersible Technology for Maritime Applications**  
Chris Wolking, C & C Technologies Inc.

**12.55 LUNCH & Exhibition**

**SESSION 2** *Chairman – Ray Farrier, Nemo Offshore Pty Ltd.*

**14.00 Sounding out Risk using Innovation Sub-seabed Investigation Technology**  
Moya Cahill, PanGeo Subsea Inc.

**14.35 Autonomous Underwater Surveillance Sensor Network - AUSSNet**  
Ross Stuart & Sandro Ghiotto, L-3 Nautronix

**15.10 Tea/Coffee & Exhibition**

**15.45 Underwater Pipeline Inspection with an AUV**  
TBA, Fugro Survey Pty Ltd.

**16.20 Benthic Habitat Mapping by Autonomous Underwater Robots**  
Dr. Paulo de Souza, CSIRO, Tasmanian ICT Centre

**16.55 Closing remarks** by the Chairman, West Australian Region, AHS

**17.00** Networking over Drinks and canapés in the Exhibition area.

SUT reserves the right to change/amend the programme as it sees fit.  
Background picture courtesy of Fugro Survey Pty Ltd.

#### Principle Sponsors



#### Gold Sponsors Ice Breaker



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Should you require further information on this event then please contact Joyce Bremner e-mail: [j.bremner@sut.org](mailto:j.bremner@sut.org) Tel: + 61 (8) 9446 9903



# Registration Information

For further information on this event, please contact Joyce Bremner [J.bremner@sut.org](mailto:J.bremner@sut.org) Tel: + 61 (8) 9446 9903

To register, either e-mail the information required on the registration form to [perthevents@sut.org](mailto:perthevents@sut.org) or fax the completed form to + 61 (8) 9446 9905

## Registration Fees

AHS & SUT Members - Seminar only - \$165.00 Inc. GST

AHS & SUT Members - Ice Breaker & Seminar - \$203.50 Inc. GST

Students/Retired Members – Seminar only \$88.00 Inc. GST

Students/Retired Members – Ice Breaker & Seminar \$126.50 Inc. GST

Non Member – Seminar only - \$220.00 Inc. GST

Non Member – Ice Breaker & Seminar \$258.50 Inc. GST

**Fee includes** - lunch, tea/coffee, post seminar drinks and a CD of the main presentations.

If you have elected to attend the Ice Breaker – Drinks & Canapés at the Belgian Beer Café on the 27<sup>th</sup> October are also included.

## Preferred Payment Methods:

**Credit Card:** AMEX\*, Mastercard or Visa ONLY. We cannot accept payment by any other card.

\* Payments made by AMEX will attract a 2.75% surcharge.

**Cheque:** Australian Dollar only, made payable to The Society for Underwater Technology  
Send to, PO Box 7284, Cloisters Square, Perth, WA, 6850  
Please make sure you reserve a place by e-mail or fax before posting your cheque.

## Joining Instructions

Joining instructions will be e-mailed to each registered delegate.

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## Registration Form

Please e-mail details to [Perthevents@sut.org](mailto:Perthevents@sut.org) or fax the completed form to (08) 9446 9905

Please tick to indicate your preferred payment method: AHS/SUT Member No. \_\_\_\_\_

Credit Card \_\_\_\_\_ (Visa, MasterCard or AMEX \*) Cheque \_\_\_\_\_ Invoice (PO No.) \_\_\_\_\_

Please tick appropriate box.

I would like to attend the Seminar only  I would like to attend both the Ice Breaker & Seminar

Name \_\_\_\_\_

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