



# The Society for Underwater Technology and The Australasian Hydrographic Society

Present their 7<sup>th</sup> Joint Technical Seminar & Exhibition



## Autonomous and Intelligent Underwater Technology (AiUT) One Day Seminar & Exhibition

Thursday 3<sup>rd</sup> November 2011

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

The Perth branches of the SUT and AHS cordially invite you to participate in this popular one-day event. This seminar has become one of the most important networking opportunities in this field, allowing you to meet with industry leaders, academics and researchers in this innovative section of subsea development. Technology advances and recent case studies of AiUT equipment will be presented, providing continued professional development.

Who should attend: Environmental scientists, oceanographers, pipeline engineers, oil & gas field development specialists, hydrographic surveyors, geophysicists, geotechnical engineers, survey operation managers, defence organisations, government bodies, nearshore port & security operators, research institutions and innovative thinkers.

### PROGRAMME

#### Wednesday 2<sup>nd</sup> November 2011

**Ice Breaker** 18.00hrs – 21.00 Board the MV Lady de Vine at Barrack Street Jetty, cruise the Swan River and enjoy the beautiful views of Perth over drinks & canapés

#### Thursday 3<sup>rd</sup> November 2011

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

**09.00 Welcoming Address by** the AHS National President, Alec Millett

**SESSION 1 Chairperson – Bruce Baker, General Manager, Land Surveys**

**09.05 Keynote Address, Philip John Knight, National Oceanography Centre, Southampton**

**09.30 What's going on in the Atlas AUV Garage?**  
**Atlas AUV's: their capabilities and recent developments**  
Andrew Brewer, Sonartech Atlas

**10.05 Wave Glider Unmanned Maritime Vehicle**  
Mark Musarra, UVS Pty Ltd.

**10.40 Tea/Coffee & Exhibition**

**11.10 Advantages of Compact Autonomous Underwater Vehicles (CAUVs) for pipeline inspections and use in restricted access waters – Nicholas Smith, Fugro Survey Pty Limited**

**11.45 Low logistics AUV's – what, where & how?**  
Andrew McMurtrie, NCS Survey

**12.20 New Technology taken into use on the HUGIN AUV's**  
Roar Marthiniusen, Kongsberg Maritime AS

**12.55 LUNCH & Exhibition**

**SESSION 2 Chairperson– Fiona Fitzpatrick, Marine Geohazards Manager, RPS**

**14.00 High-resolution benthic survey using Autonomous Underwater Vehicles**  
Dr. Stefan Williams, Australian Centre for Field Robotics, University of Sydney

**14.35 Seaeye Sabertooth – A Hybrid AUV/ROV offshore system**  
Bert Johansson, Saab Underwater Systems AB

**15.10 Tea/Coffee & Exhibition**

**15.40 Applied underwater robotics laboratory – A new view of subsea applications**  
Geir Johnsen & Asgeir Sorensen, Dept. of Biology & Dept. of Marine Tech. NTNU, Norway

**16.15 Addressing the Need for a new Benchmark in ROV Availability**  
Jason Stanley, Schilling robotics, LLC

**16.50 Closing remarks by** the SUT Perth Branch Chairman, Terry Griffiths

**17.00 - 1800** 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



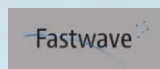
#### Networking Drinks Sponsor



#### Silver Sponsors



#### Bronze Sponsors



#### Exhibitors



# 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 - \$188.00 Inc. GST

AHS & SUT Members - Ice Breaker & Seminar - \$230.00 Inc. GST

Icebreaker only - \$55.00

Students/Retired Members – Seminar only \$95.00 Inc. GST

Students/Retired Members – Ice Breaker & Seminar \$140.00 Inc. GST

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

Non Member – Ice Breaker & Seminar \$265.00 Inc. GST

**Fee includes** – all refreshments, lunch, post seminar drinks & canapés and a CD of the available presentations. If you have elected to attend the Ice Breaker – Cruise, Drinks & canapés on the MV Lady De Vine 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:     Seminar only                       Ice Breaker only                       Ice Breaker & Seminar

Name \_\_\_\_\_

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Credit Card No: VISA or MASTER CARD ONLY.    \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

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Name on the card \_\_\_\_\_

Billing Address if not as above \_\_\_\_\_

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Amount to be charged \$ \_\_\_\_\_      Signature \_\_\_\_\_

E-mail address where receipt for credit card payment should be sent \_\_\_\_\_