



**Subsea Controls
Down Under 2018**
Technology, Reliability & Availability
Through Collaboration

Subsea Controls Down Under

23rd & 24th October 2018

Pan Pacific Hotel (Golden Ballroom)
207 Adelaide Terrace, Perth, Western Australia



Ice Breaker, Monday, 22nd October 2018

18:00 – 21:00 A cruise along the Swan River aboard the Crystal Swan
Official conference opening: Rob Bush, Yokogawa Australia

DAY ONE

Tuesday, 23rd October 2018

08:45 Registration and coffee
09:15 Welcome by Rex Hubbard, SUT Perth Branch Vice Chairman
09:25 Welcome to Country, Irene Stainton, INPEX

Session A:

Chairperson: Ross Hendricks, TechnipFMC

09:35 **Keynote: Cluster isn't a dirty word: How innovative business models are changing the collaboration landscape across Australia's energy resources sector**
Miranda Taylor, NERA
10:00 **SEAR JIP Phase V: The Value of Sharing of Lessons Learned on Subsea Integrity and Reliability**
Manish Tomar, Chevron Australia
10:25 **Case Study: Retrofitting a Subsea Pipeline Monitoring System to Provide Online, Near-realtime, Feedback, Replacing Periodic Vessel Based Data Collection**
Stephen Auld, Sonardyne International Ltd

10:50 Morning Tea

11:20 **The C-Kore Subsea TDR: Automated Cost-Effective and Reliable Subsea Testing**
Greg Smith, C-Kore

11:45 **New Subsea Fluid Technologies Enable Success in Long Offset Gas**
Sam Johns, Castrol Marine & Energy

12:10 **Technical Flushing and the Supercritical Flushing Revolution**
Joel Woolerson, AFP & Espen Amundsen, OceanTeam
Fluid Care UK

12:35 Lunch

Session B:

Chairperson: Ian Wilson, SUT Committee Member

13.30 **Panel Discussion:** Helena Forsyth, INPEX; Harry Mackay, Woodside Energy; Ed Miller, Shell Australia; & Martijn Wisselink, PTTEP

14:15 **Update on Subsea Hydraulic Fluid Developments**
Simon McManus, MacDermid Offshore Solutions

14:40 **The True Consequences of Umbilical Electrical Insulation Failures: Copper Loss and Hydrogen Generation**
Neil Douglas, Viper Innovations Ltd

15:05 Afternoon Tea

15:35 **New Frontier Wireless Acoustic Telemetry**
Jack Vincent, OneSubsea

16:00 **Distributed Flow Metering**
Mohsen Shokri, BHGE

16:25 **Corrosion Monitoring on Welds Using**
Jan-Tore Ervik, Sensorlink

16:50 Discussion and Day Wrap Up

16:55 Conference Drinks & Nibbles – Pan I
18:00 Day end

DAY TWO

Wednesday, 24th October 2018

08:30 Registration and coffee
09:00 Welcome by Julien Levadoux, OneSubsea

Session C:

Chairperson: David Keilty, Chevron Australia

09:05 **Life of Field – Obsolescence Management**
Ned Chapman, BHGE

09:30 **Extending Life of Brown Fields and Enabling New Standards**
Tore Erntsens, Proserv UK

09:55 **Planned Obsolescence, 'MidLife' Updates & Next Generation**
John Løvås, TechnipFMC

10:20 Morning Tea

10:50 **Protecting Subsea Multiphase Pumps Through Reliable Subsea Accumulator Modules**

Majid Talebi, Pressure Dynamics

11:15 **Integrated All Electric Valve**

Eirik Ravnås, Innova AS/ATV

11:40 **Application of Functional Safety in All-Electric Control Systems**
Carsten Mahler, OneSubsea & Markus Glaser, Aalen University

12:05 Lunch

Session D:

Chairperson: Harvey Smith, Woodside Energy

13.05 **Panel Discussion:** Neil Douglas, Viper Innovations; David Keilty, Chevron Australia, Warren Lund, Quadrant Energy & Sean Salter, Woodside Energy

13:50 **Long Tie-back Controls Technology in the Barents Sea**

Rodrigo Lima, Aker Solutions

14:15 **Long Distance Subsea Power Transmission and Distribution**

Peter Baker, Wood.

14:40 **ROV Workover Control System (RWOCS)**

Brett Phillips, Oceaneering

15:05 Afternoon Tea

15:35 **Subsea Chemical Storage and Injection Collaboration Project**

Eldar Lundanes, TechnipFMC

16:00 **IoT and the Future of Subsea Controls**

David Walker, Yokogawa Australia Pty Ltd

16:25 **Kailani Telemetry Buoy**

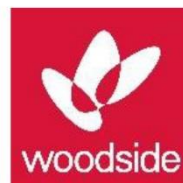
Darren Burrowes, BlueZone Group

16:50 Session Discussion & Closing Remarks

17:00 Depart for SEA Forum

SUT reserves the right to amend/change the programme as it sees fit.
Photography/videos are prohibited at this conference
unless authorised by the SUT.

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