

Program Day 1 - Wednesday, 28 October 2009

8.00	Registration
9.00	Opening Remarks and Welcome Datuk Dr Abdul Rahim Hj. Hashim, President, Malaysian Gas Association and Vice President, International Gas Union, Malaysia
9.20 Keynote Address	Ms Ieda Gomes, Chair, International Gas Union Task Force on Human Capability (invited)
9.50 Keynote Address	Professor Andrew C Palmer, Centre for Offshore Research and Engineering, Department of Civil Engineering, National University of Singapore
10.20 Keynote Address	ASCOPE Gas Centre: The First Five Years and the Next Five Years Dr Allen Beasley, Executive Director, ASCOPE Gas Centre, Malaysia
10.50	Morning Tea
11.20	<u>Key Gas and Pipeline Issues 1 - Roundtable Discussion on Key Pipeline Industry Training Issues and Challenges for Asia</u> Participants are expected to comprise mixture of regional participants (eg PETRONAS) and overseas experts (eg Det Norske Veritas, OSD Engineering). Details to be announced in final program
12.30	Lunch
14.00 Keynote Address	<u>Key Gas and Pipeline Issues II - Optimising the Performance of Pipeline Assets</u> Efficiency Improvement and Risk Weighting Tools as a Means of Prioritising Stay-in-Business Capex Spend Mark Fothergill, General Manager Asset Management and Development, APA Group Australia
14.30 Case Study	Risk Assessment and Successful Installation of a Trunk Pipeline Jung-Chul Ha, Project Manager (Executive Director) and Sang-Weon An, Lead Engineer, HYUNDAI Engineering Co Ltd.
15.00 Technology	On the Rapid Healing of Pipeline Wounds - New Rapid Pipeline Repair Methods George K Lim, Offshore Business Strategy Manager, T D Williamson, Singapore
15.30	Afternoon Tea
16.00 Case Study	Direct Inspection Utilising Non-contact Magnetometry Tomography Method for Unpiggable Pipelines Sani Sulaiman, PETRONAS Gas Business
16.30 Case Study	Development and Implementation of a Subsea Integrity Management System for Ormen Lange, Norway Det Norske Veritas
17.00	Closing Remarks Day 1

Program Day 2 - Thursday, 29 October 2009

8.50	Opening Remarks
9.00 Keynote Address	Activities of the European Pipeline Operators Forum
9.30 10.00	<u>Key Gas and Pipeline Issues III - Intelligent Pigging</u> Recent Developments and Trends in Intelligent Pigging - A GE Perspective GE Infrastructure Oil and Gas Roundtable Discussion on Intelligent Pigging Issues in SE Asia Details to be announced in Final Program
10.30	Morning Tea
11.00 Case Study 11.30 Case Study 12.00	<u>Key Gas and Pipeline Issues IV - Integrity Management</u> An Overview of Current Best Practice in the Integrity Management of Offshore Facilities - Case Study R Jones, Talisman Energy Limited and Dr J Healy et al, MACAW Engineering Integrated Approach to Managing the Integrity of SKO Offshore Pipelines P Setyawendh et al, PETRONAS Carigali; Dr J Healy et al, MACAW Engineering and S Yaakub et al ROSEN Inspection Innovative Use of Pipeline Information Management Solutions in Pipeline Construction, O&M and Integrity Management Michael P Gloven, Petro IT Ltd
12.30	Lunch
14.00 Case Study 14.30	Extended Fitness for Service Assessment for Pipeline Integrity Ir Mohd Ashri Mustapha, Principal Pipeline Engineer, PETRONAS Carigali Sdn Bhd <u>Key Gas and Pipeline Issues V - Flow Assurance</u> Session intends to include case study on flow assurance methodologies used to validate flow rates and will incorporate a mini-tutorial on multiphase flow in gas pipelines presented by Dr Ove Bratland, Consultant, Thailand/Norway
15.30	Afternoon Tea
16.00 16.30	Report by participants in APCE Young Pipeline Professional Study Tour to North America Concluding Remarks and Close.
17.00	Closing Remarks from the Chair Close Of Conference