

MPUR Europe

Multiphase Pump User Roundtable - Amsterdam: Oct. 9, 2006

Multiphase pumping is an emerging technology that is boosting production and reducing the cost/complexity of oil & gas operations around the world. For the past eight years, the Multiphase Pump User Roundtable (MPUR) has provided vital information on this technology and provided a forum for discussion and learning. This year, the MPUR comes to Europe to provide a focus on European issues such as:

- Subsea Pumping/Compression
- Heavy Oil Development Methods
- Wet-Gas Pumping/Compression
- Mitigation of Erosion from Produced Sand
- Lessons Learned; from Installation to Operation

The event features highly interactive workshop sessions and the opportunity to gain insight from those that have successfully applied this exciting new technology.

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For additional information, please contact:

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Agenda:

8:00	Registration, Tea & Coffee
8:30	Welcome & Introduction to the Goals of the Event <i>Stuart L. Scott - TAMU</i>
8:40	Evolution of Multiphase Pumping from Heavy Oil to Subsea <i>Stuart L. Scott - Texas A&M University</i>
9:15	Ormen Lange 12.5 MW Subsea Compression Pilot <i>Berndt Bjerkreim - Norsk Hydro</i>
10:00	BREAK / Informal Discussions / Exhibits
10:30	Lyell Subsea Pumping Project <i>John Allen - CNRL and Per Christian Stenshorne - Aker Kvaerner</i>
11:15	Multiphase Pumping within the Tordis Subsea Processing Pilot <i>Roger Oen Jensen - Statoil</i>
12:00	LUNCH / Informal Discussions/ Exhibits
13:00	Workshop Sessions 1. Subsea Wet-Gas Compression & Boosting <i>[Chair: Svein Haheim-Shell; Co-Chair: Kamran Mirza - Seepex]</i> a. The Technology, Challenges and Opportunities of Wet-Gas Compression & Boosting - Aker Kvaerner b. An Update of the State of the Art and Operational Experience of Multiphase Boosting - Framo c. Experience & Development of Hermetically Sealed Compact Compressors - Man Turbo d. ECO II Subsea Compression - Siemens 2. Sand Erosion & Mitigation <i>[Chair: Pierre-Jean Bibet - Total; Co-Chair: Sven Olsen, Leistritz]</i> a. Sand Mitigation Testing - Dr. Stuart L. Scott - TAMU b. Information on Materials and Linings - Sven Olson - Leistritz 3. Subsea Connections & Power <i>Chair: Stuart L. Scott, Texas A&M University</i> <i>Co-Chair: Ian Donald - DES Operations</i> a. Variable Speed drives for Subsea pumps on Long Umbilicals - Siemens b. MARS: Case Studies in Multiple Wellhead Based Processing - DES-Operations
14:15	BREAK / Informal Discussions/ Exhibits
14:45	Investigation of a Torque Converter for Speed Control of Multiphase Pumps <i>Jason Xu, Texas A&M University</i>
15:15	Asgard Minimum Flow - Subsea Compression <i>Dr. Lars Brenne, Statoil</i>
15:45	Panel Session: Future of Subsea Pressure Boosting in Europe and Worldwide <i>[Chair: Stuart L. Scott - TAMU; Svein Haheim - Shell; Pierre-Jean Bibet, - Total; Berndt Bjerkreim - Norsk Hydro; Dr. Lars Brenne - Statoil; Andy Bennett - BP]</i>
16:30	Closing Remarks and Technology Survey <i>Stuart L. Scott - TAMU</i>