TechnipFMC Technical Highlights

Monday, May 1

9:30 AM – 12:00 PM
Seismic Design of Offshore Facilities
Room 600
Session Chair: Hadi Suroor, Chief Technical Advisor, Genesis Oil & Gas Consultants
Session Chair: David Wisch, Chevron ETC

27831 Seismic Design Challenges for Subsea Foundations
H. Suroor, Genesis

27792 Assessment of Subsea Pipelines Crossing Seismic Fault
A. Sari, U. Azimov, A. Arablouei, Genesis

27696 Seismic Response Spectrum in Lieu of Time History Analysis for Subsea Structure Design
G. Wang, Genesis; J. Shen, Genesis; M. Loh, Y. Peng, TechnipFMC; J. Malachowski, TechnipFMC

9:30 AM – 12:00 PM
Advancing Drilling Riser and Wellhead Integrity by Analysis, Design, and Monitoring
Room 604

27584 Introducing Reactive Flex-Joint: 10-15 Times Prolonged Wellhead Life
O. Rorgard, K. Sonasen, TechnipFMC

1:00 PM – 1:22 PM
OTC Poster Lounge

27632 Condition Monitoring Comes of Age for Subsea Production
E.R. Smedstad, G. Nilsen, J. Bressand, TechnipFMC

2:00 PM – 4:30 PM
Recent Advances in Offshore Geotechnics
Room 600
Session Chair: Hadi Suroor, Chief Technical Advisor, Genesis Oil & Gas Consultants
Session Chair: Christopher Hadley, Shell Global Solutions

27786 Stability and Performance Evaluation of Hybrid Foundation System for Subsea Applications
S. Jang, H. Suroor, Genesis

2:00 PM – 4:30 PM
Materials and Innovations for Deepwater Reliability and Affordability
Room 602

27733 Impact of H₂S Consumption and Anti-H₂S Layer on Flexible Pipe Design
J. Vidigal Da Silva, T. Carol, P. de La Tour, J. Meira, TechnipFMC
TechnipFMC Technical Highlights

Monday, May 1 – cont.

2:00 PM – 4:30 PM

**Standardization: A New Way to Achieve Project Cost and Planning**
Room 610
Session Chair: Julien Denegre, TechnipFMC
Session Chair: James Chitwood, Sr. Offshore Engineer, Shell International Ltd.

Tuesday, May 2

9:30 AM – 12:00 PM

**The Stones Turritella FPSO**
Room 312

27571 Design Verification and Validation Testing of the Stones Jumper Breakaway Joint

9:30 AM – 12:00 PM

**Hydrate Mitigation Methods: Heat or Inhibit?**
Room 610

27787 New Criteria of Hydrate Inhibitor Requirements in Tropical Shallow Waters
W. Meng, A. Kak, Genesis

2:00 PM – 4:30 PM

**New Developments in Marine Mining**
Room 600
Session Chair: Julien Denegre, TechnipFMC
Session Chair: Greg Easson, University of Mississippi

27658 Development of a Flexible Pipe for Deep Sea Mining
J. Rongau, S. Viale, TechnipFMC

Wednesday, May 3

9:30 AM – 12:00 PM

**Subsea Processing**
Room 610

27929 High Voltage Subsea Pump - A Low Cost Subsea Boosting Enabler
M. de Oliveira, Petrobras; J.C. PIMENTEL, Total; E. Thibaut, Total E.&P.; E.W. Cardoso, TechnipFMC.
TechnipFMC Technical Highlights

Wednesday, May 3 – cont.

9:30 AM – 12:00 PM
Subsea Processing
Room 610

27639 Significant Cost Reduction of Subsea Boosting Systems by Innovative Technologies
J. Davalath, D.P. Wiles, TechnipFMC

9:30 AM – 12:00 PM
Mooring System Reliability and Integrity Management
Room 606

27697 Improving Reliability of MODU Mooring Systems through Better Design Standards and Practices

11:54 AM – 12:16 PM
OTC Poster Lounge

27786 Stability and Performance Evaluation of Hybrid Foundation System for Subsea Applications
S. Jang, H. Suroor, Genesis

2:00 PM – 4:30 PM
Subsea All Electric: Disruption is Today!
Room 602

27657 Real Application of Electric Controls Technology to Subsea Systems: Success, Learning's and Recommendations
C. Johansen, O. Rokne, S. Moe, H.H. Magnus, O. Monsson, TechnipFMC

2:00 PM – 4:30 PM
RFID and Wireless Technology
Room 312

27886 Field Test Results for a Subsea Wireless Annulus Monitoring System
F.J. Rodriguez, TechnipFMC; S. Mat Isa, Petronas Carigali Sdn Bhd; A. Forness, TechnipFMC

2:06 PM – 2:28 PM
OTC Poster Lounge

27670 Design Challenges for Power & All Electric Control Umbilicals
A. Dobson, A. Deighton, TechnipFMC
TechnipFMC Technical Highlights

Thursday, May 4

9:30 AM – 12:00 PM

Advances in Abandonment and Decommissioning Technologies
Room 600

27672 Baseline for Planning and Cost Estimation of Brazilian Decommissioning
F. Mimmi, S. Ralston, M.M. da Silva, Genesis; P.M. Silva, Genesis.

27639 Significant Cost Reduction of Subsea Boosting Systems by Innovative Technologies
J. Davalath, D.P. Wiles, TechnipFMC

2:00 PM – 4:30 PM

Flow Assurance in Projects: The Key Discipline for Sub USD 50 Oil Price World
Room 306

Session Chair: Weihong Meng, Genesis Oil & Gas Consultants
Session Chair: Muge Demiroglu, Snr. Production Chemistry, BP

27855 Workflow to Evaluate Wax Deposition Risk along Subsea Production Systems
O. Coronado, A. Kak, Genesis

2:00 PM – 4:30 PM

Lowering Field Development Costs
Room 312

27702 Cost Efficient Field Developments
I. Grøtberg, K. Temte, TechnipFMC

2:00 PM – 4:30 PM

Offshore Wind Energy
Room 606

27719 Fixed Platforms at Ageing Oil Fields - Feasibility Study for Reuse to Wind Farms
J.P. Barros, R.P. Silva, Genesis; B. Santos, Bernardo Santos