

9.00 – 10.40

ROOM B

HP-HT and E&P ChallengesChairpersons: Mario Zamora, *Schlumberger* – Tony Martin, *Baker Hughes*

9.00

HP-HT_01

Near Balance Drilling: Successful Application in High Pressure WellPietro Capurso, *eni Ghana*, David Spada, *eni Indonesia*, Luigi Besenzoni, Marcellino Tufo, Pierantonio Copercini, *eni E&P*

9.25

HP-HT_02

Successful Wireline Formation Testing and Full Reservoir Characterization in Real Time in High-Pressure High-Temperature EnvironmentsIlaria De Santo, Ken Moelhoff, *Schlumberger*

9.50

HP-HT_03

Development and Application of Ultra-HTHP Drilling FluidsEmanuel Stamatakis, Guido De Stefano, Steven Young, *M-I Swaco a Schlumberger Company*

10.15

HP-HT_04

An Optimized Emulsified Acid System for High-Temperature ApplicationsNisha Pandya, Sushant Wadekar, Juanita Cassidy, *Halliburton Technology Centre*

9.00 – 10.40

ROOM C

Field & Production OptimisationChairpersons: Fabio Cervini, *Halliburton* – Alberto Pelliccia, *Shell Italia e&p*

9.00

FIELD_01

Novel Fluid System for Efficient Downhole Placement of Water Swellable PolymersRajendra Kalgaonkar, Anjali Sarda, Anupom Sabhapondit, *Halliburton*

9.25

FIELD_02

A New Chemical Technique for Sand Management. eni Experience in the Adriatic FieldsGiovanni Burrafato, Giorgio Caremi, Simona Grifantini, Giuseppe Ripa, Marco Colombo, *eni E&P*
Sergio Giordanella, Andrew Duncan, *Weatherford*

9.50

FIELD_06

Predictive Monitoring of Critical Rotating Equipment in Val d'AgriMarco Piantanida, Federico Cristofori, Simone Fiorita, Cristina Bottani, *eni*, Yanni Pappas, *GE Intelligent Platforms*, Nicolò Alessandro, Cosimo Piccione, *eni*

10.15

FIELD_04

Integrated Production Optimization through Model-Based Decision Support and Advanced Optimization TechniquesGiorgio Viadana, Silvia Masi, Almatasem Sharon, Marco Distaso, *eni E&P*, Enrico Zio, *Ecole Centrale Paris and Supelec, Politecnico di Milano*

9.00 – 10.40

ROOM D

Technologies For The Future 2Chairpersons: Stefano Carminati, *eni E&P* – Francesca Verga, *Politecnico di Torino*

9.00

FUT2_01

Towards Automatic, Continuous and Long-Term Asset Integrity and Environmental Monitoring in Offshore Scenarios: Clean-Sea ProjectFrancesco Gasparoni, Mauro Favaretto, Tiberio Grasso, *Tecnomare*, Erik Bjornbom, *eni Norge*, Patrizia Broccia, Melania Buffagni, *eni E&P*

9.25

FUT2_02

Resident Autonomous Underwater Vehicle Systems - A Review of Drivers, Applications, and Integration Options for the Subsea Oil and Gas MarketMarcus Furuholmen, Richard Carter, *Aker Subsea AS*, Alfred Hanssen, *Aker Solutions MMO AS*, Jan Siesjo, *Saab Seaeeye Ltd*

9.50

FUT2_03

Structural Monitoring of Offshore Platforms by 3D Subsea Laser ProfilersL. De Dominicis, G. Fornetti, M. Guarneri, M. Ferri De Collibus, M. Francucci, M. Nuvoli, *ENEA*, A. Al Obaidi, D. McStay, *SLD Ltd*.

10.15

FUT2_04

Benefits of Real-time LWD Sonic Semblance Images - Case Studies from the North Sea and Offshore ChinaRebecca Nye, *Weatherford*Alternate:

FUT2_05A

The Condition Monitoring System for Optimal Maintenance-Possible Application on Offshore VesselsLuca Sebastiani, *SEASTEMA*, Alessandro Pescetto, *CETENA* Luca Ambrosio, *Fincantieri Offshore*,

11.05 – 12.45

ROOM B

New Logging TechniquesChairpersons: Ferdinanda Pampuri, *eni E&P* – Salvador F. Adorno, *Schlumberger*

11.05

NEWLOG_01

LWD Logs & Horizontal Wells in Complex Fractured Reservoirs: A Challenging Task for Fluid Path DetectionArabella Casero, G. Aquilina, P. Bartelucci, R. Berto, M. Borghi, M. Firinu, F. Pampuri, E. Visigalli, *eni E&P*

11.30

NEWLOG_02

Field Trials of a New Array Pulsed Neutron Formation Gas Measurement in Complex CompletionsS. Bertoli, M. Borghi, G. Galli, *eni E&P*, A. Oprescu, S. Riley, *Weatherford*

11.55

NEWLOG_03

Revamping the Potentiality of Thin Layered Reservoirs: a Multi-Lithological Facies ClassificationGabriele Duci, Maria Teresa Galli, Marco Pirrone, *eni E&P*

12.20

NEWLOG_04

Thin Layers Gas Reserves Discovery and Production in Adriatic Through New Wireline Formation Testing ApplicationD. Loi, S. Mazzoni, S. Venturini, C. Baio, M. Borghi, D. Baldini, F. Italiano, *eni E&P*, S. Cantini, *Schlumberger*Alternate:

NEWLOG_05A

Improved Laterolog Resistivity Measurements Provide Real Time True Formation Resistivity and Invasion ParametersFabio Brambilla, B. Corley, A. Garcia, H.M. Maurer, *Baker Hughes*

11.05 – 12.45

ROOM C

Offshore Pipeline IntegrityChairpersons: Sagrario Sanchez, *Repsol* – Fabrizio Menegazzo, *Tecnomare*

11.05

OPI_01

Advanced Pipeline Monitoring Using Multipoint Acoustic DataGiancarlo Bernasconi, Silvio Del Giudice, *Politecnico di Milano*, Giuseppe Giunta, *eni Gas&Power*,
Riccardo Schiavon, Fabio Zanon, *Tecnomare*

11.30

OPI_02

Case study of Challenging Inspection of Offshore Gas Pipeline in the Black SeaMick Mills, *PII Pipeline Solutions*

11.55

OPI_03

Corrosion Inhibition Efficiency of Oleic Acid Derivatives for Carbon Steel Pipelines in Petroleum Formation Water Saturated With CO₂

A.M. Al-Sabagh, M.A. Migahed, *Egyptian Petroleum Research Institute*, H.M. Abd-El-Bary, *Al-Azhar University*, Z.M. Mohamed, *EGPC*, M.R. Mishrif, M. Abd El-Raouf, *Egyptian Petroleum Research Institute*, B.M. Hussein, Sherait Bassam, *EGAS*

12.20

OPI_04

Production Losses due to Flow Assurance Issues: Remediation Cleaning and Problem Prevention

Lucilla Del Gaudio, Chiara Piseri, Andrea Barbieri, Nicola Buongiorno, Laura Biassoni, *eni*

Alternate:

OPI_05A

Assessment of Bacterial Corrosion at the Gas Processing Plants

Mohamed Lamine Gana, M. Adjeb Azzedine, *Sonatrach*

11.05 – 12.45

ROOM D

Safety Enhancement for Facilities and Materials

Chairpersons: Jamel Hawisa, *NOC* – Steve Young, *M-I Swaco*, a *Schlumberger Company*

11.05

SAFENH_01

Testing Leak Detection System on Multi-product Pipeline Enhances Understanding of System Sensitivity and Performance

Jonas Norinder, *Siemens Industry Inc.*

11.30

SAFENH_02

A Real Time Software Tool for a Safe and Cost Effective Offshore Transportation

S. Simondo, V. De Luca, B. Bergamaschi, A. Ligrone, *eni E&P*

11.55

SAFENH_03

Offshore Helidecks Assessment Project

Luigi Iaderosa, Roberto Orsi, Angelo Ligrone, Roberto Piva, *eni E&P*

12.20

SAFENH_04

Assessing the Safety Performance of Fireproofing Materials for Equipment Protection

Giacomo Antonioni, Alessandro Tugnoli, Gigliola Spadoni, Valerio Cozzani, *DICAM - Università di Bologna*, Gabriele Landucci, *DICI - Università di Pisa*

Alternate:

SAFENH_05A

Energy Efficiency to Support Production

Marco Basile, *eni E&P*, Giuseppe Gorla, Armando Marcelli, *Tecnomare*, Anna Realini, *Politecnico di Milano*, Chiara Sartori, *eni E&P*