

THURSDAY 28TH MARCH**14.30-16.05 ROOM: B** **CHAIRPERSONS: Mario Marchionna-Saipem, Roberto Ferrario-Eniprogetti S.P.A.****INNOVATIVE OFFSHORE DEVELOPMENT SCHEMES 2**

		SPEAKER	CO-AUTHORS
O_2/OFFSH/302	Spectrophotometrical monitoring system, integrated in an Autonomous Underwater Vehicle, for continuous heavy metal detection near offshore sites.	Periolatto Monica	Monica Periolatto, Felice Catania, Fabrizio Pirri, Luciano Scaltrito - Politecnico di Torino, Matteo Cocuzza - CNR IMEM, Sergio Ferrero- Politecnico di Torino
O_2/OFFSH/219	Use of Polyurethane Insulation Technology as an Enabler for Integrated Systems	Sala Patrizio	Patrizio Sala - Shawcor
O_2/OFFSH/255	Use of Spoolable reinforced thermoplastic Pipes for Oil and Water Transportation	Cavassi Paolo	Tiziana Cheldi, Paolo Cavassi, Marco Serricchio, Carlo Spinelli-Eni S.P.A., Giuseppe Vietina, Stefano Ballabio - Eni Zubair
O_2/OFFSH/327	Hybrid and composite risers for deep waters and aggressive reservoirs	McGeorge Dag	Dag McGeorge, Nils Sødahl, Ramin Moslemian, Torfin Hørte - DNV GL AS
O_2/OFFSH/25	Qualification of a local heating system for flowlines	Anres Stephane	Stephane Anres, Thomas Valdenaire, Raimond Hallot, Lionel Macauley-Saipem

THURSDAY 28TH MARCH**14.30-16.05 ROOM:C** **CHAIRPERSONS: Giuseppe Galli-Eni S.P.A., Vera Rocca-Politecnico di Torino****RESERVOIR MONITORING & SURVEILLANCE**

		SPEAKER	CO-AUTHORS
O_RM&S/184	4D gravity and seafloor subsidence surveys for cost-effective monitoring of offshore gas reservoirs	Lien Martha	Martha Lien, Hugo Ruiz, Martin Vatshelle-Octio AS
O_RM&S/157	Downhole Well Monitoring: Innovative Technologies in Challenging Environments	Garofoli Luca	Gianluca Trombin, Marco Pirrone, Sara Moriggi, Giuseppe Galli, Sara Cicione, Luca Garofoli-Eni S.P.A.
O_RM&S/90	Using High Resolution Temperature Data in Appraisal Wells to identify the Reservoir Conditions that can lead to Condensate Blockage	Hasan Rashid	Konstantinos Christou, David Fyfe-Metrol, A. Rashid Hasan-Texam A&M University
O_RM&S/288	Development of Formation Damage Diagnosis Workflow, Application on Hammam Faraun Reservoir: A Case Study, Gulf of Suez, Egypt	Radwan Ahmed	Ahmed Radwan- GUPCO/ Innsbruck University, Abdelbaset Abudeif, Mohsen Attia - Sohag University, Mohamed Mahmoud - King Fahd University of Petroleum and Minerals

THURSDAY 28TH MARCH**14.30-16.05 ROOM: D****CHAIRPERSONS: Matteo Mistri-Shell, Renato Rota-Politecnico di Milano****GAS VALORISATION****SPEAKER****CO-AUTHORS**

O_GAS/283	Gas Monetization Technology Mapping	Serena Alessandro	Alessandro Serena, Stefano Dallera, Ernesto Roccaro, Roberto Zennaro - Eni S.P.A.
O_GAS/308	Performances of novel technologies for the exploitation of CO2-rich natural gas reserves	De Guido Giorgia	Giorgia De Guido, Laura Annamaria Pellegrini - Politecnico di Milano
O_GAS/320	An optimized and intrinsically safe solution for LNG production and distribution in the Mediterranean area	De Paolis Tiziano	Tiziano De Paolis, Federica Furcas, Dario Giudice, Federico Mazzanti, Eric Zielinski - Saipem SpA,
O_GAS/188	Sulfur Removal on an FPSO – A Liquid Redox Process Case Study	Echt William	William Echt - Merichem Company

THURSDAY 28TH MARCH**14.30- 16.05 ROOM: A****CHAIRPERSONS: Michael Neubert-BHGE, Ivo Colombo-Geolog International****BIG DATA ANALYTICS****SPEAKER****CO-AUTHORS**

O_DATA/282	Next Generation Inspection (NGI): digital tools to bring value along the project value chain. Early experiences and results with Remote Inspections and Data Mining	Bucellato Dario	Dario Bucellato - DNVGL O&G UK, Fabio Maria Lo Brutto - DNVGL O&G Italy
O_DATA/385	Big Data Advanced Analytics to Forecast and Optimize Energy Efficiency in Upstream Production Plant	Loffreno Danilo	Gianmarco Rossi, Danilo Loffreno, Luca Cadei, Lorenzo Lancia, Davide Sebastiano Lupica, Dario D'Albore Stellato, Mario Vetraino, Vincenzo Michetti, Marco Carrettoni - Eni S.P.A, Francesco Carducci - The Boston Consulting Group GAMMA
O_DATA/365	Advanced Analytics to Maximize Operations Continuity and Optimize the Asset Value: The Fouling Real Example	Corneo Andrea	G. Camarda, Luca Cadei, Marco Montini, Gianmarco Rossi, P. Fier, Amalia Bianco, Andrea Corneo, Diletta Milana, Danilo Loffreno, Lorenzo Lancia, Marco Carrettoni, G. Silvestri - ENI S.P.A, Francesco Carducci, G. Sophia - The Boston Consulting Group GAMMA

O_DATA/179

Paving the way for the next Digital Revolution: using Quantum Computer to solve optimization problems in the Energy sector

Amendola
Alfonso

Daniele Ottaviani - Cineca, Alfonso Amendola, Stefano Carminati,
Fabrizio Cinquini, Davide Floriello, Cinzia Tagliaferri - Eni S.P.A., Carlo
Cavazzoni - Cineca