

## OMC 2017 DIGITAL POSTERS - Hall 4

Wednesday 29th

14.30

### Growing Challenges in Exploration

### Authors

P-EXPLOR/136	APPLICATION OF SEISMIC INVERSION FOR SUCCESSFUL HYDROCARBON EXPLORATION IN THE NILE DELTA, EGYPT: NOROOS FIELD A CASE STUDY	<b>Amr Talaat</b> , Anas El-Belasy, Mustafa Omar (Belayim Petroleum Co. - Petrobel), Justin Matresu (Eni )
P-EXPLOR/140	NEW INSIGHTS ON PLIO-PLEISTOCENE DEPOSITIONAL ELEMENTS AS A KEY FOR UNREVEALED EXPLORATION POTENTIAL IN THE EASTERN MEDITERRANEAN BASIN, NILE DELTA, EGYPT	<b>Mohamed Adel</b> , Amr Elewa (Petrobel) Abdel-Moneim El Araby, Ahmed El Barkooky (Cairo University)
P-EXPLOR/269	REVIVING VINTAGE SCANNED SEISMIC DATA: FROM PAPER TO DIGITAL MIGRATED POST-STACK DATA	<b>Tommaso Altieri</b> (University of Basilicata), Alberto Riva (G.E.Plan Consulting / University of Ferrara)
A-DATA1/121	INTEGRATION OF DIRECTIONAL SURVEY UNCERTAINTY IN STRUCTURAL MODELLING: FROM GEOSTEERING ACTIVITIES TO GEOLOGICAL INTERPRETATION	<b>Giovanni Gangemi</b> , Davide Feltracco, Cristiano Tarchiani (Eni)
P-WELL/227	MODELING THE FEEDBACK BETWEEN GLACIATION, GEOCHEMICAL AND MECHANICAL COMPACTION ON SEDIMENTARY BASIN EVOLUTION	Alberto Guadagnini, Laura Guadagnini, Giovanni Porta, Daniele Cerroni, Luca Formaggia, Anna Scotti, <b>Paolo Zunino</b> (Politecnico di Milano), Paolo Ruffo, M.Ghielmi (Eni)
P-WELL/252	RESTORATION OF PALEO-SHORELINES THROUGH LITHOSPHERIC 3D MODELING AND BACKSTRIPPING ANALYSIS: THE EXAMPLE OF THE PO PLAIN-NORTHERN ADRIATIC REGION DURING LATE MESSINIAN SEA-LEVEL DROP	Chiara <b>Amadori</b> (University of Pavia), Daniel Garcia-Castellanos (ICTJA-CSIC), Giovanni Toscani (University of Pavia), Andrea Di Giulio (University of Pavia), Roberto Fantoni (Eni E&P)

Wednesday 29th

### Developing new technologies

### Authors

16.20

A-1DEVTECH2/77	KNOWLEDGE MANAGEMENT IN ENI: WORKFLOW AND CASE HISTORIES IN NORTHERN ITALIAN DISTRICT (DICS)	<b>Stefano Mazzoni</b> , Filippo Capriotti , Francesca Ferrazza , Gianna Giudicati (Eni)
A-2DEVTECH1/216	UAV THE IMPACT & INFLUENCE IN THE O&G	<b>Salvatore Marco Mercuri</b> , Antonietta Fisicaro, Vincenzo Tramontano (Eni)
P-DEVTECH/132	TAKE ON CHALLENGES IN DEEP-WATER PRODUCTION OPTIMIZATION: A REAL SUCCESSFUL APPLICATION OF AN INNOVATIVE INTEGRATED MODELING TOOL	<b>Samuele Brioschi</b> , Marco Montini, Paolo Cerri, Sara Scaramellini, Amalia Bianco, Silvia Masi (Eni)
P-DEVTECH/176	MAXIMIZING USAGE OF EXISTING INFRASTRUCTURE THROUGH EXPANDED SUBSEA BOOSTING TECHNOLOGIES	<b>Marco Davide Gabelloni</b> , Per Christian Johnsrud (Aker Solutions)
P-DEVTECH/183	REVISITING THE HAMMERSCHMIDT EQUATION: EFFECT OF OPERATING CONDITIONS ON THE SELECTION OF THE HAMMERSCHMIDT CONSTANT	Alberto Di Lullo, <b>Keith Christian Hester</b> (Eni)
P-DEVTECH/197	INSTRUMENTED POLLY-PIGS FOR LOW-RISK AND LOW-COST PIPELINE INTERNAL INSPECTION: FIELD EXPERIENCES	Alberto Di Lullo, Keith Christian Hester, <b>Mario Primato</b> , Luigi Padula (Eni), Giacomo Biundo (Enimed)
P-DEVTECH/159	THE PRINCIPLES OF DIGITALIZATION IN THE OIL & GAS SECTOR ACCORDING TO INDUSTRIE 4.0 CONCEPTS	Jean-Charles Guilhem, PCIC Europe

Thursday 30th

### More Efficient Exploitation of Existing Resources (1)

### Authors

09.00

A-PRODOPT1/100	INNOVATION TECHNIQUE AND SUCCESSFUL SCALE REMOVAL JOB WITH COILED TUBING IN BELAYIM OIL FIELD, EGYPT: A CASE HISTORY	<b>Mohamed Anwar</b> (Petrobel), Mohamed Abobakr (Sapesco)
A-PRODOPT2/279	WATER INJECTION STRATEGY IN BELAYIM FIELDS	S. Siso, I. Awni, M.Solyman, T.Ibrahim, <b>Taha Radwan</b> (Petrobel)
A-EOR1/246	APPLICATION OF THERMALLY ACTIVATED POLYMERS IN A MATURE OIL FIELD: CANDIDATES SELECTION, FIELD IMPLEMENTATION AND PRELIMINARY RESULTS	<b>Ivan Maffei</b> s, Simona Renna , Massimiliano Mattei, Salvatore Quattrocchi, Giuseppe Galli (Eni ), M. A. A. Elgany (Petrobel)
A-EOR2/305	ENHANCING OIL RECOVERY WITH NANOEMULSION FLOODING	<b>Elena Braccalenti</b> , Lucilla Del Gaudio, Alessandra Belloni, Paola Albonico, Enrico Radaelli, Martin Bartosek (Eni)

**Speaker's name in bold**

P-EOR/205	BELAYIM LAND – POLYMER INJECTION PILOT PROJECT	<b>Massimo Lazzarotti</b> , Andrea Rimoldi, Alice Clementi (Eni), Mahmoud Mawad , Mahmoud Abd Elrahman (Petrobel)
P-RESCHAR/288	3D VORONOI PRE- AND POST- PROCESSING TOOLS FOR USING THE TOUGH2 FAMILY OF NUMERICAL SIMULATOR FOR HYDROCARBON GAS MIGRATION	<b>Stefano Bondua</b> <sup>1</sup> , Villiam Bortolotti, Paolo Macini, Ezio Mesini, Ester Maria Vasini (University of Bologna)
P-EXPLOIT/122	PRODUCTION OPTIMIZATION IN PLIO-PLEISTOCENE SEQUENCES BY THROUGH TUBING PERFORATIONS AND SAND CONSOLIDATION IN RIGLESS ACTIVITIES: ITALIAN CASE HISTORIES	<b>Michele Marotta</b> , Claudio Morsetti, Stefano Mazzoni, Ratiba Diaf, Roberto Cherri (Eni Upstream)
P-PRODOPT/163	CFD MULTIPHASE TOOL: A NEW APPLICATION ON A REAL DEBOTTLENECKING (DBN) PROJECT	<b>Luca Cadei</b> , Sergio Ritondale, Pietro Ciccorossi, Amalia Bianco, Silvia Masi (Eni)
P-EXPLOIT/128	GRAVEL PACK COMPLETIONS SUCCESSFUL HISTORY IN MEDITERRANEAN SEA GAS FIELDS, EGYPT	<b>Walid Gabr</b> , Samir Zayed (Petrobel)
P-EXPLOIT/313	SURFACE FACILITIES OF THE TEMPA ROSSA PROJECT	<b>Taher Sheikh Zeineddin</b> (TOTAL)
<b>Thursday 30th</b>	<b>Gas Valorisation</b>	<b>Authors</b>
<b>11.00</b>		
P-GAS/218	SYNTHESIS AND INHIBITION PERFORMANCE OF DIQUATERNARY AMMONIUM GEMINI SURFACTANTS ON CARBON STEEL PIPELINES CORROSION IN GAS FIELD	Bassam Hussien (Egas), Mohamed Migahed , Mahmoud Shaban, Nabil Negm (EPRI), <b>Zakaa Moawad</b> (EGPC)
P-GAS/314	SOCIO-ECONOMIC IMPACT ASSESSMENT AND STAKEHOLDER PERSPECTIVES IN A LNG TERMINAL CASE STUDY IN TUSCANY, ITALY	<b>Marco Rametta</b> (ARCADIS Italia), Sergio Vergalli (University of Brescia), Elisabetta Valotti, Alessandro Casartelli (ARCADIS Italia)
P-GAS/36	EVALUATION OF GAS LEAK FLOW THROUGH ACOUSTIC EMISSION TEST IN PETROCHEMICAL PIPINGS	<b>Alberto Monici</b> (ETS Sistemi Industriali)
P-GAS/85	HIGHER OFF SHORE POWER RELIABILITY AND PERFORMANCE WITH LESS SPACE REQUIREMENT	<b>Gilles Stefanelli</b> , Xavier Merceron (Leroy Somer)
P-GAS/86	CORROSION MITIGATION OF X-60 TYPE CARBON STEEL IN PETROLEUM FORMATION WATER UNDER HUGH PRESSURE OF CO2 AT HIGH TEMPERATURE	<b>Bassam M. Sherait</b> (Egas), M.A. Migahed, M.M. Shaban, N.A. Negm (EPRI), Z. Moawad (EGPC)
<b>Thursday 30th</b>	<b>More Efficient Exploitation of Existing Resources (2)</b>	<b>Authors</b>
<b>14.30</b>		
A-PROD2/106	TANK BATTERY 6-2 PRODUCTION OPTIMIZATION USING APPLICATION OF LEAN SIX-SIGMA METHODOLOGY IN BELAYIM FIELD (CASE STUDY)	<b>Mahmoud Abd Elrahman</b> , Mahmoud Moawad , Samir Siso, Mohamed Sadek (Petrobel), Alberto Boccardi (Eni)
A-PROD1/153	AN EULERIAN-EULERIAN APPROACH FOR OIL&GAS SEPARATOR DESIGN	Nicolò Scapin (Politecnico di Milano), <b>Luca Cadei</b> , Marco Montini (Eni), Gianluca Montenegro (Politecnico di Milano), Amalia Bianco , Silvia Masi (Eni)
A-PRODEFF1/124	CLAY-FREE DRILL-IN FLUID REDUCES THE TOTAL COST OF OWNERSHIP WHILE EXCEEDING PRODUCTION EXPECTATIONS	<b>Luca Martini</b> , Giuseppe Ripa, Dario Pellicanò (Eni U&T services), Annie Benazo (Eni Congo), Renaud Okoko, S. D'Angelo (Halliburton)
P-DEVTECH/64	C.O.R.A. TOOL - THE GLOBAL APPROACH AND RISKED ANALYSIS OF OPEX BUDGETING	Palmieri Michelangelo, Amorelli Arturo, Talamo Miriam, Tarantino Piero, <b>Carriero Roberto</b> (Eni)
P-TRANSITION/297	PROCEDURE FOR FORECAST ATMOSPHERIC DISPERSION MODELLING AFTER BLOW DOWN EVENTS	<b>Ivan Toto</b> , Paola Di Nardo (Proger ), Gianni Tinarelli, Alessandro Nanni (Arianet)
A-PETRO2/240	SATURATION HEIGHT MODELLING: AN INTEGRATED METHODOLOGY TO DEFINE A CONSISTENT SATURATION PROFILE	<b>Silvia Valentini</b> , Doriana Bernorio , Marco Grandis, Amelia Mazzacca, Angela Serrao, Luca Visconti (Eni)
<b>Thursday 30th</b>	<b>Offshore and Deepwater Technologies (1)</b>	<b>Authors</b>
<b>16.30</b>		
A-1HSE1/179	OFFSHORE SAFETY CASE IMPLEMENTATION IN MEDITERRANEAN SEA	<b>Daniele Strippoli</b> , Robert Steer (ERM)

**Speaker's name in bold**

A-1HSE2/260	RISK ASSESSMENT IN OFFSHORE PLANT DESIGN: THE ADVANTAGES OF A CFD APPROACH	<b>Edoardo Dellarole</b> , Alessia Bertolini, Stefano Tealdi, Andrea Vignali (TEA Sistemi)
A-2HSE1/41	DYNAMIC HSE SYSTEMS TO ENHANCE HSE VALUES	<b>Lamia Gherbi</b> , Domenico Celiento (Eni)
A-2HSE2/291	EMERGENCY RESPONSE PLAN – CASE STUDY DURING THE APPLICATION OF THE OFFSHORE EUROPEAN DIRECTIVE	Alessia Liberatore, Angelo Matteo, <b>Matteo Fraccastoro</b> (Proger)
P-HSE/74	LEADERSHIP IN HEALTH & SAFETY – DRIVING CULTURAL CHANGE IN AN OFFSHORE FLEET	<b>Davide Scotti</b> , Darren Matkin, Neil Stockham (SAIPEM)
P-OFFSHORE/172	SURFACE RESIDUAL STRESSES MEASUREMENT AND NUMERICAL PREDICTION FOR OFFSHORE STEEL CATENARY RISERS GIRTH WELDS	<b>Giorgio Stefano</b> , Davide Rossin, Enrico Torselletti (Saipem spa), Josef Tejc (ESI Group)
P-OFFSHORE/18	SUBSEA INSPECTION OF VIBRATION AND ACOUSTIC NOISE	<b>Kjetil Nysater</b> (ClampOn)
P-OFFSHORE/65	EXPERIMENTAL INVESTIGATION AND FIELD STUDY OF NEUTRAL WETTABILITY PROPPANT FOR FRAC PACK APPLICATIONS	<b>Naima Bestaoui-Spurr</b> , Kevin Langlais, Vanessa Williams, Marty Usie (Baker Hughes), Kevin Smith (Stone Energy)
P-PRODEFF/170	EROSION EVALUATION ON OFFSHORE PRODUCTION FACILITY BY DIFFERENT CFD APPROACHES: LANGRANGIAN/EULERIAN AND EULERIAN/EULERIAN	<b>L. Cadei</b> , A. Bennardo, F. Podenzani, N. Buongiorno, A. Bianco, S. Masi (Eni)

**Friday 31st**

**9.00** **Preparing the Industry for the Transition**

**Authors**

A-1TRANSITION/214	MONITORING AND REDUCTION OF CO2 EMISSIONS FOR OIL&GAS LOGISTICS	<b>Daniele Carpi</b> , Andrea Antonio Zanibelli, Vincenzo Tramontano (Eni)
P-TRANSITION/280	THE COMMISSIONE ICHESE CASE HISTORY AFTER 2 YEARS, AS A POOR GEO-ETHICS AND COMMUNICATION EPISODE IN THE FRAME OF THE NIMBY SINDROME AND GEOPOLICY WEAKNESS: CONSEQUENCES ON GAS STORAGE INCLUDING CO2 STORAGE FOR CCS	<b>Fedora Quattrocchi</b> (INGV)

**Friday 31st**

**9.30** **Well Construction and Management**

**Authors**

A-COMP&STIM2/145	FEASIBILITY STUDY OF WELL COMPLETION METHOD FOR AN IRANIAN OFFSHORE WELL USING CBHP	Shahram Chamankhah (PetroServices PSPK), <b>Poorya Saadati</b> (Politecnico di Torino)
A-DRILLOPT2/154	EXTENDING THE SCOPE OF REAL-TIME DRILLING & WELL CONTROL SIMULATORS	<b>Roger Aragall</b> , Joachim Oppelt, Michael Koppe (Clausthal University of Technology)
A-FLUIDS1/151	IMPROVED FLUID CHARACTERISTICS WITH CLEAR CALCIUM CHLORIDE BRINE DRILLING	<b>Mike Redburn</b> , Garrett Heath (Newpark Drilling Fluids)
A-FLUIDS2/40	NEW ACHIEVEMENTS CONCERNING TEMPERATURE EFFECTS ON MUD RHEOLOGY AND HYDRAULIC PERFORMANCE WHILE DRILLING	<b>Raffaele Romagnoli</b> (Politecnico di Torino)
P-WELL/149	MULTI-RISK APPROACH TO THE EVALUATION OF NATECH EVENTS	<b>Anna Basco</b> , Piero Salatino, Angela Di Ruocco, Alexander Gercia-aristizabal, Ernesto Salzano (amra)
P-WELL/228	CHANGING THE PROCESS DESIGN PARADIGM	<b>J. McMullen</b> (Schneider Electric Software)
P-WELL/230	RETAINING AND TRANSFERRING KNOWLEDGE: MANAGING CONTINUITY DURING AN ERA OF COST-CUTTING AND CREW CHANGE	<b>Rob Van Der Speck</b> (DNV GL)
P-WELL/231	INTEGRATED ADVANCED WORKFLOWS AND HETEROGENEITY ANALYSIS FOR PLANNING UNCONVENTIONAL HORIZONTAL WELLS IN WESTERN DESERT OF EGYPT	<b>Mohamed Salah</b> (Khaldia Petroleum), Mohamed ElSebaee, Taner Batmaz, Yehia ElDarawy, Ahmad Kamar (Schlumberger)
P-WELL/308	TEMPA ROSSA PROJECT – CONSTRUCTION ACTIVITIES	<b>Hedi Dendani</b> (TOTAL)
P-WELL/68	SOBOL SEQUENCE, A NOVEL EXPERIMENTAL DESIGN TECHNIQUE FOR IMPROVED UNCERTAINTY QUANTIFICATION OF PETROLEUM RESERVOIRS	<b>Moahmed Shams</b> (Amal Petroelum Company)

**Friday 31st**

**11.40** **Offshore and Deepwater Technologies (2)**

**Authors**

A-DECOMM2/181	QUANTITATIVE RISK-BASED METHODOLOGY FOR PIPELINE INTEGRITY MANAGMENT	<b>Edoardo Dellarole</b> , Maria Giulia Sotgiu, Simone Sodini, Alessandro Frassi, Fabio Varano, Michele Bonuccelli (TEA Sistemi)
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**Speaker's name in bold**

A-DEEPWATER1/247	RE-SHAPING THE SUBSEA INDUSTRY	Anders Husby, Bjorn Sogard, Carl Fredrik Kresse, <b>Siamack Atiabi</b> (DNV GL)
A-DEEPWATER2/173	CWC NOVEL BENDING METHODOLOGY	<b>Adam Kopystynski</b> (Shawcor)
A-FLOW2/208	NIDOCO NW FIELD PRODUCTION SYSTEM ENHANCEMENT OPPORTUNITIES BY OPTIMIZING AND RE-EVALUATION THE FLOW ASSURANCE CRITICALITIES	<b>M. Salah</b> , A. Haridy, S. Zayed (PETROBEL)
A-FLOW1/306	WHAT'S WRONG WITH DRAS SUBSEA/DEEPWATER APPLICATIONS?	<b>Stefano Pinneri</b> , Riccardo Rausa ,Elena Braccalenti , Franco Baldiraghi, Lucilla Del Gaudio (Eni)
A-SUBSEA2/55	APPROACH TO OPERATIONS READINESS FOR FLOATING PRODUCTION UNITS	<b>Domenico Bonazzi</b> , Lucia Carlotta Corbetta (Eni), Carlo Giovanni Massarelli (Floters)