

DAY 1 CONFERENCE PROGRAMME

HALL A - DAY 1

SESSION NAME: EAST MEDITERRANEAN GAS HUB: THE ENERGY FUTURE

SESSION CHAIRMEN: MAGDY GALAL (EGAS) - KAREM MAHMOUD (GAS REG)

TIME	COMPANY	AUTHOR	PAPER TITLE	
14:00 - 14:25	DNV GL, Italy	Fabio Maria Lo Brutto	The energy transition and the role of gas in Middle East and North Africa	Chairman
14:30 - 14:55	EGAS, Egypt	Lamiaa Abo Shahba	Can Egypt turn into a regional gas hub by 2030?	O-02-Growth-190
15:00 - 15:25	Cyprus Hydrocarbons Company (CHC), Cyprus	Nicolas Droushiotis	How technology may shape the development of deep-water gas findings at Eastern Mediterranean?	O-02-Regional-137
Alternative	GUPCO, Egypt	Mohamed Mohsen	Factors affecting in choosing exporting gas as LNG or as electric power in submarine cables across Mediterranean Sea	P-02-Regional-330

15:30 - 16:00 COFFEE BREAK

SESSION NAME: GAS PROJECTS ACCELERATION

SESSION CHAIRMEN: MOHAMED ABDEL AZIM (GANOPE) - WALID LOTFY (PETROJET)

16:00 - 16:25	EGAS, Egypt	Mohamed Roshdy	Egyptian natural gas development projects: Challenges & Successes	O-02-Innovative-193
16:30 - 16:55	NOSPCO, Egypt	Abdallah Bekhiet	Mobile Offshore Gas Production Unit (MOPU) for marginal reservoirs (first time in Egypt), Kamose Field development offshore, Mediterranean Sea, Egypt	O-02-Innovative-191
17:00 - 17:25	PETROJET, Egypt	Mohamed Gaber	Gas Early Production Facility (EPF)	O-02-Innovative-192
Alternative	GASCO, Egypt	Adel Mostafa	Stop water infiltration inside underground structures using injection technique	P-02-Innovative-331

HALL B - DAY 1

SESSION NAME: HYDRAULIC FRACTURING

SESSION CHAIRMEN: TANER BATMAZ (SCHLUMBERGER) - SAID ABDELMONEM (KPC)

TIME	COMPANY	AUTHOR	PAPER TITLE	
14:00 - 14:25	Khalda Petroleum Company, Egypt	Mohamed Gabry	The power of integration between the diagnostic fracture injection test, minifrac test, seismic & geologic data to estimate post hydraulic fracture job production in different geological settings in sandstone formations, case history from Western Desert, Egypt	O-01-BrownField-188
14:30 - 14:55	PETROBEL, Egypt	Omar Yehia	Innovative hydraulic fracture technique enhancing hydrocarbon recovery in marginal field – case history in Belayim Bay, Sinai, Egypt	O-01-Reservoir-167
15:00 - 15:25	Qarun Petroleum Company, Egypt	Eslam Mahmoud	After Closure Analysis (ACA) saves cost and competes other well testing techniques	O-01-Reservoir-170
Alternative	Abu Qir Petroleum Company, Egypt	Abdelrahman Atef	Offshore rigless Thru-Tubing sand control method, a case study from the Mediterranean Sea	P-01-Reservoir-318

15:30 - 16:00 COFFEE BREAK

SESSION NAME: PRODUCTION & PRESSURE DATA ANALYSIS

SESSION CHAIRMEN: NABIL SALAH (SU) - ADEL SALEM (SU)

16:00 - 16:25	PETRONAS Egypt (PICLE), Egypt	Mohamed Hafez	Importance of modern production analysis for understanding reservoir performance and locating the remaining gas for sidetrack or new infill potential	O-01-Reservoir-111
16:30 - 16:55	Qarun Petroleum Company, Egypt	Mo'men Mohamed	Best practices of well testing through analysis of 1000 test in the Western Desert in Egypt	O-01-Reservoir-168
17:00 - 17:25	Agiba Petroleum Company, Egypt	Rami Helaly	Incorporating well-test permeability in 2D static models	O-01-Reservoir-162
Alternative	PETROBEL, Egypt	Ahmed Serry	A modified approach for enhancement well test interpretation results in high rate gas wells	P-01-BrownField-329

HALL C - DAY 1

SESSION NAME: GEOCHEMISTRY & PETROLEUM SYSTEMS

SESSION CHAIRMEN: ASHRAF ABDEL GAWAD (AZU) - FRANK DAVID (SHELL)

TIME	COMPANY	AUTHOR	PAPER TITLE	
14:00 - 14:25	StratoChem Services, Egypt	Hossam Ali	Geochemical characterization of the Paleocene-Eocene section of the Chekka Marls (N. Lebanon) and its hydrocarbon potential	O-01-Exploration-139
14:30 - 14:55	EGAS, Egypt	Mahmoud Khattab	Geological-geochemical model of hydrocarbons generation of the offshore Eastern Nile Delta area, Egypt	O-01-Exploration-141
15:00 - 15:25	Indian Institute of Science Education and Research Bhopal, India	Anirban Chowdhury	Application of geochemistry and isotope to understand the process of groundwater fluoride elevation in granitic aquifer	O-01-Exploration-104
Alternative	Harouge Oil Operations, Libya	Ehadi Nasr	Hydrocarbon source rock quality, distribution and migration in the North West Sirt Basin, Libya	P-01-Exploration-301

15:30 - 16:00 COFFEE BREAK

SESSION NAME: EXPLORATION CHALLENGES IN BROWN FIELDS

SESSION CHAIRMEN: ALAA AL BATAL (EGPC) - BADR KHALIL (HBSIE)

16:00 - 16:25	BAPETCO, Egypt	Mohamed Essam Eldin	Exploring the growth opportunities of the stratigraphic traps of marginal marine environment in Abu Gharadig Basin, North Western Desert, EGYPT	O-01-Exploration-144
16:30 - 16:55	General Petroleum Company (GPC), Egypt	Sadek Salem	New discoveries comparative statistical analysis in Western Desert and Gulf of Suez Basins: The road to ratify petroleum potentiality trend of Egypt	O-01-Exploration-153
17:00 - 17:25	Khalda Petroleum Company, Egypt	Mohamed Elbastawesy	Geochemical evaluation of oil in Apollonia carbonate reservoir and its potential source, Razzak Field, Alamein Basin, Western Desert, Egypt	O-01-Exploration-147
Alternative	EGPC, Egypt	Hassan Salem	The challenges of exploiting shale gas in Egypt	P-01-Exploration-304

HALL D - DAY 1

SESSION NAME: SUSTAINABILITY IN THE OIL & GAS BUSINESS CYCLE

SESSION CHAIRMEN: ASHRAF RAMADAN (EGAS) - MOATAZ DARWISH (SHELL)

TIME	COMPANY	AUTHOR	PAPER TITLE	
14:00 - 14:25	GUPCO, Egypt	Mohamed Mohsen	"Sustainable petroleum agreements" as drive for renewables and sustainable development	O-03-Integrating-194
14:30 - 14:55	University of Sheffield, United Kingdom	Slimane Ouakka	Holistic optimization of offshore wind turbine support structures and foundations	O-02-Growth-123
15:00 - 15:25	National Bank of Egypt (NBE), Egypt	Maged Melio	Integrating renewable energies in Oil and Gas industry economic and environmental returns	O-03-Integrating-195
Alternative	GUPCO, Egypt	Ahmed Al-Deraby	Analysis of powering Oil and gas platforms using offshore wind renewable energy	P-03-Integrating-332

15:30 - 16:00 COFFEE BREAK

SESSION NAME: ENVIRONMENT & ENERGY MANAGEMENT

SESSION CHAIRMEN: EMAD HASSAN (PETROSAFE) - EMMANUEL ANYIUM (SHELL)

16:00 - 16:25	ENPPI, Egypt	Amr Hussein	Production of CO from CO2 over mixed-metal oxides derived from layered double hydroxides	O-03-Managing-196
16:30 - 16:55	Alexandria National Refining & Petrochemical Co. (ANRPC), Egypt	Essam Kabbary	Sustainable method for carbon dioxide emission capturing and recycling from boilers stacks	O-03-Environment-201
17:00 - 17:25	Institute of Graduate Studies & Research, Alexandria, Egypt	Marwa El-Tony	Energy management system for petroleum industries	O-03-Environment-200
Alternative	Alexandria National Refining & Petrochemical Co. (ANRPC), Egypt	Tarek ElShennawy	Techno-economic evaluation of variable speed drive (VSDs) for energy saving in petroleum refineries	P-03-Environment-336

HALL E - DAY 1

SESSION NAME: OFFSHORE & SUBSEA

SESSION CHAIRMEN: ISMAIL MAHGOUB (FUE) - OSAMA ELSHENOFY (WEATHERFORD)

TIME	COMPANY	AUTHOR	PAPER TITLE	
14:00 - 14:25	KOC, Kuwait	Humoud Al-Mohammad	Upstream flow assurance mitigation for offshore gas field	O-01-Subsea-213
14:30 - 14:55	Schlumberger, Egypt	Hazem Abd El Sattar	Offshore wells anti-collision SR best practices	O-01-Subsea-214
15:00 - 15:25	ENPPI & PETROBEL, Egypt	Sameh El Sabbagh & Hesham El Khafif	Unlocking profitable production opportunities based on standard utilisation of field proven subsea control components and technologies	O-01-Subsea-215
Alternative	Petro Amir Company, Egypt	Ziad Abd El Kader	Egypt, Eastern Desert, Gulf of Suez, North West Gemsa Concession: Oil potentiality of South Gharib FM.	P-01-Exploration-312

15:30 - 16:00 COFFEE BREAK

SESSION NAME: SPE, EGYPT SECTION (STUDENTS)

SESSION CHAIRMEN: MOHAMED EL WASIF (PHPC) - AHMED SAMIR (HALLIBURTON)

16:00 - 16:25	Cairo University, Egypt	Zakaria Abdelfattah	Future beyond the oil: "Crude Oil to Chemicals"	O-01-Reservoir-176
16:25 - 16:45	Future University, Egypt	Bader Elsayed	Geomechanics management for safer drilling	O-01-Drilling-159
16:50 - 17:10	British University, Egypt	John Safwat Shahat	A new approach of rock typing from resistivity zone indicator using well log data	O-01-Exploration-154
17:15 - 17:35	Al Azhar University, Egypt	Ahmed Elwan	Experimental and modelling investigation of hydroxyethyl cellulose (HEC), HEC/SiO2 and HEC-g-silica precursor as a flooding candidate in petroleum reservoirs	O-01-Reservoir-177
Alternative	Cairo University, Egypt	Mahmoud Khaled Abd El-Halim	Exploration and development of siliciclastic and carbonate reservoirs in the Eastern Mediterranean	P-02-Innovative-331

DAY 2 CONFERENCE PROGRAMME

HALL A - DAY 2				
SESSION NAME: PRODUCTION OPERATIONS				
SESSION CHAIRMEN: MOHAMED RADWAN (EGPC) - MOHAMED GHARIB (FUE/WEATHERFORD)				
TIME	COMPANY	AUTHOR	PAPER TITLE	
09:00 - 09:25	EGPC, Egypt	Safwat Ghazaly	ESP runlife Improvement through auditing of ESP workshops	O-01-Reservoir-173
09:30 - 09:55	PETRONAS, Malaysia	Ahmed Shaheen	Decommissioning of Kapal wellbay module, its support structure & mooring system: A new challenge for Egyptian Oil & Gas industry	O-03-Infrastructure-124
10:00 - 10:25	Khalda Petroleum Company, Egypt	Mohamed Magdy	Production optimization using nodal system with low suction pressure	O-01-Reservoir-174
Alternative	GUPCO, Egypt	Mohamed Aboelenin	Smart Coiled Tubing logging system enables production logging in sour, heavy oil & highly deviated producing wells in offshore field – case study in Egypt	P-01-BrownField-327
10:30 - 11:00 COFFEE BREAK				
SESSION NAME: NEW TECHNIQUES TO MAXIMIZE RELIABILITY				
SESSION CHAIRMEN: HUSSEIN FARGHALY (PHPC) - AHMED ABDEL MAKSOUH (KPC)				
11:00 - 11:25	GASCO, Egypt	Hesham Khalil	Flameless combustion application in gas turbines, potential and challenges	O-01-Facilities-179
11:30 - 11:55	Agiba Petroleum Company, Egypt	Mohamed Maghraby	Agiba G/P successful case study to maximize C2+ in sales gas	O-01-Facilities-178
12:00 - 12:25	Premier Oilfield Group - COREX, Egypt	Rushdy Ali	Integrated X-ray fluorescence with X-ray computed tomography by tracing Calcium element in core samples – case study from Zohr geohazard piston core	O-01-Facilities-180
Alternative	Alexandria Mineral Oils Company (AMOC), Egypt	Moamen Aly	Simulation of sweetening unit in LNG plant	P-01-Gas-324
12:30 - 14:00 LUNCH				
SESSION NAME: RED SEA EXPLORATION				
SESSION CHAIRMEN: AHMED AL BARKOKY (CU) - ADEL SAMAHA (GANOPE)				
14:00 - 14:25	GANOPE, Egypt & WesternGeco Multiclient, UK	Ahmad Mostafa & Katharine Broadbent	Unlocking the hydrocarbon potential of the Egyptian Red Sea using modern 2D seismic data	O-01-Exploration-212
14:30 - 14:55	DANA GAS, Egypt	Ahmed Abdel Aal	Tectonic evolution and exploration challenges of the Northern Red Sea Rift Basin, Egypt	O-01-Exploration-210
15:00 - 15:25	EGPC, Egypt	Ahmed Abdel Fattah	North Red Sea exploration, evolution or revolution, Red Sea Egypt	O-01-Exploration-211
Alternative	Dragon Oil, United Arab Emirates	Luca De Vincenzi	Integration of geophysics and geology in a complex area, Gulf of Suez	P-01-Exploration-302
15:30 - 16:00 COFFEE BREAK				
SESSION NAME: DRILLING & COMPLETION-1				
SESSION CHAIRMEN: MARK KONECKI (APACHE) - SAYED ELTAYEB (CU)				
16:00 - 16:25	Wartsila, USA	Joel Thigpen	Smart offshore ecosystem – Enabling a safe and sustainable offshore environment utilizing smart technologies	O-01-Exploration-136
16:30 - 16:55	Pharos University in Alexandria (PUA), Egypt	Ehssan Nassef	Study on treatment of drilling fluids wastewater by electrocoagulation	O-01-Drilling-155
17:00 - 17:25	Halliburton, USA	Hazem Mahmoud	Data reconstruction in an offshore exploration well using neural network method, in Seth Field, Mediterranean Sea, Egypt	O-01-Drilling-106
Alternative	PETROBEL, Egypt	Ramy Kamel	Evaluation of drilling strategies in highly deviated wells through depleted top Nukhul Formation, Gulf of Suez, Egypt	P-01-Drilling-315

HALL B - DAY 2				
SESSION NAME: EOR				
SESSION CHAIRMEN: ATTIA ATTIA (BUE) - KHALED MOWAFI (KPC)				
TIME	COMPANY	AUTHOR	PAPER TITLE	
09:00 - 09:25	IPR Energy Group, USA	Darius Shahsavari	Adding new reserves to Egypt – Introducing a highly economical EOR process	O-01-Brown Field-121
09:30 - 09:55	GUPCO, Egypt	Mohamed Atwa	Development of an analytical predictive model for steam drive method	O-01-Reservoir-165
10:00 - 10:25	PETROBEL, Egypt	Hossam Elmasry	Road map for application of low salinity water flooding techniques in Belayim Field	O-01-BrownField-189
Alternative	EGPC, Egypt	Hassan Salem	Egypt heavy oil potential and EOR methods applicability	P-01-BrownField-328
10:30 - 11:00 COFFEE BREAK				
SESSION NAME: HISTORY MATCHING				
SESSION CHAIRMEN: AHMED ELBANBY (AUC) - MOHAMED BEIDON (PETROZEIT)				
11:00 - 11:25	Rock Flow Dynamics, Spain	Alberto Diaz Cantero	Discrete cosine transformation for efficient assisted history matching	O-01-Reservoir-110
11:30 - 11:55	DANA GAS, Egypt	Mohamed Shams	Calibrating numerical reservoir model permeability using correlated seismic amplitudes map with pressure transient permeability: A case study – Balsam Field – Nile Delta	O-01-Reservoir-171
12:00 - 12:25	Khalda Petroleum Company, Egypt	Mohamed Fathy	Model uncertainties and challenges configuration for water drive oil reservoir & its effect on history matching and prediction scenarios: Berenice Field case	O-01-Reservoir-172
Alternative	Khalda Petroleum Company, Egypt	Shrief Ibrahim	The integration between rate/pressure transient analyses in characterizing compartment reservoirs and evaluating reserves in Western Desert Egypt	P-01-Reservoir-317
12:30 - 14:00 LUNCH				
SESSION NAME: FIELD DEVELOPMENT				
SESSION CHAIRMEN: LUCA DECARO (ENI) - ASHRAF ABDEL GAWAD (QPC)				
14:00 - 14:25	ENI, Italy	Stefano Fomlatti	Mature asset upstream – Value improvement initiatives	O-01-Brown Field-119
14:30 - 14:55	PETROBEL, Egypt	Omar Yehia	Applying successful water injection optimization in a challenged highly faulted mature oil reservoir obtained outstanding recovery factor with cost saving, successful case	O-01-Reservoir-166
15:00 - 15:25	BAPETCO, Egypt	Ahmed Ghanima	An integrated collaborative multi-disciplinary approach fit for future field development plan of an unconventional reservoir, Obaiyed Field, Western Desert of Egypt	O-01-Reservoir-163
Alternative	Qarun Petroleum Company, Egypt	Mohamed Elembaby	Application of power dump flood technology in water injection	P-01-Reservoir-319
15:30 - 16:00 COFFEE BREAK				
SESSION NAME: RESERVOIR MANAGEMENT & INTEGRATED STUDIES				
SESSION CHAIRMEN: ISMAIL MAHGOUB (FUE) - HANAFY HUSSEIN (PRENCO)				
16:00 - 16:25	Arabian Gulf Oil Company, Libya	Abdul Salam Nagem	Water production performance and control of oil field	O-01-Reservoir-109
16:30 - 16:55	Khalda Petroleum Company, Egypt	Abdel Naser Hamdy	Importance of the comprehensive reservoir management in reviving the highly heterogeneous flooded reservoirs (Upper and Lower Bahariya reservoirs case study)	O-01-Reservoir-161
17:00 - 17:25	Qarun Petroleum Company, Egypt	Mohamed Elbakary	New development strategy for unlocking the potential of mature fields in the Western Desert	O-01-Reservoir-169
Alternative	DANA GAS, Egypt	Islam Yehia	Integrated regional study for Messinian, onshore Eastern Nile Delta, Egypt	P-01-Reservoir-316

HALL C - DAY 2				
SESSION NAME: SEISMIC IMAGING-1				
SESSION CHAIRMEN: MAHFOUZ ELBONY (EDISON) - SAMIR ABDELMOATY (ROCKHOPPER)				
TIME	COMPANY	AUTHOR	PAPER TITLE	
09:00 - 09:25	PGS, Egypt	Ahmed El-Bassiony	Building the Messinian salt layer in the East Mediterranean Basins	O-01-Exploration-140
09:30 - 09:55	CGG, Egypt	Abdul Rahman Darwish	QFW: Inverting for near surface anomalies in the North Sea	O-01-Exploration-146
10:00 - 10:25	Dragon Oil, Egypt	Luca De Vincenzi	Imaging and inversion challenges for deep targets and low porosity plays a case study from Illizi Basin, Algeria	O-01-Exploration-102
Alternative	RASHPETCO, Egypt	Sayed Mousa	Conceptual model advances in resolving single seismic reflector into log scale facies in Messinian time, Eastern Nile Delta Province	P-01-Exploration-305
10:30 - 11:00 COFFEE BREAK				
SESSION NAME: UNLOCKING MEDITERANEAN POTENTIAL				
SESSION CHAIRMEN: SAMIR RASLAN (EGAS) - GEMELLI SERAFINO (ENI)				
11:00 - 11:25	PGS, United Kingdom	Matthew Pyett	Egypt's Mediterranean Sea – A new insight	O-01-Exploration-135
11:30 - 11:55	Abu Qir Petroleum Company, Egypt	Richard Vaughan	Pliocene and Miocene Oil Discoveries in the West Nile Delta: North Abu Qir Field: Exploration & Development Challenges	O-01-Exploration-103
12:00 - 12:25	RASHPETCO, Egypt	Mahmoud Hemdan	New ideas unlock old plays; Swan-East, recent gas discovery Baltim canyon extension, West Delta deep marine, offshore Nile Delta, Egypt	O-01-Exploration-142
Alternative	PETROBEL, Egypt	Islam Ali	Mineralogical composition effect on the reservoir rock quality of Abu Madi Formation in Baltim gas fields, Nile Delta, Egypt	P-01-Exploration-309
12:30 - 14:00 LUNCH				
SESSION NAME: SEISMIC IMAGING-2				
SESSION CHAIRMEN: AYMAN MORSHEDY (PETROAMIR) - AYMAN EL SHABRAWI (WESTERNGECO)				
14:00 - 14:25	PGS, Egypt	Mamdouh Salem	A novel post demultiple 3D solution to attenuate residual and diffracted multiples	O-01-Exploration-150
14:30 - 14:55	PETROBEL, Egypt	Ali Fawzy	The impact of gas water contact presence on the estimation of seismic net pay thickness techniques, Baltim North field, offshore Nile Delta, Egypt	O-01-Exploration-151
15:00 - 15:25	Dana Gas, Egypt	Mahmoud El Oribi	Extended Elastic Impedance (EEI) and its application in prediction of reservoir and fluid properties in Faraskur Field	O-01-Exploration-138
Alternative	CGG, Egypt	Aly Said	Salt basin enhancement through reflection-based full waveform inversion: Case study from the Mediterranean offshore data	P-01-Exploration-306
15:30 - 16:00 COFFEE BREAK				
SESSION NAME: ABU MADI CANYON, REMAINING EXPLORATION POTENTIAL				
SESSION CHAIRMEN: MOHAMED ABDEL SALAM (ABU QIR) - AHMED ABDEL HADY (WINTERSHALLEA)				
16:00 - 16:25	EGAS, Egypt	Ali Maher	Unlocking Messinian Abu Madi / Baltim Canyon play extension In the ultra-deep marine Mediterranean, offshore Nile Delta, Egypt	O-01-Exploration-148
16:30 - 16:55	PETROBEL, Egypt	Ahmed Khairy	Optimization of development well locations after Barakish discovery using EEI approach, Baltim South Field, offshore Nile Delta, Egypt	O-01-Exploration-152
17:00 - 17:25	RASHPETCO, Egypt	Shaker Latif	Reservoir connectivity analysis for a complex channelized reservoir to reveal by-passed pays: Serpent Field, offshore Nile Delta, Egypt	O-01-Exploration-149
Alternative	Suez Oil Company (SUCCO), Egypt	Mohab Elwy	Unlocking Messinian Abu Madi upside potential in North Sidi Ghazi gas field emphasizing its hydrocarbon capabilities, onshore Nile Delta, Egypt	P-01-Exploration-310

HALL D - DAY 2				
SESSION NAME: HSE & ASSET INTEGRITY-1				
SESSION CHAIRMEN: SAMIR ZAYED (PETROBEL) - ABDEL RAHMAN MAHMOUD (PETROBEL)				
TIME	COMPANY	AUTHOR	PAPER TITLE	
09:00 - 09:25	EGAS, Egypt	Bassam Shoret	Synthesis of tricationic surfactants, molecular modeling and evaluation of their performance for corrosion control in carbon steel pipelines during gas and oil production process	O-03-HSE-198
09:30 - 09:55	ENPPI, Egypt	Mohamed ELhabbal	Innovative model for Asset Integrity Management (AIM) system establishment	O-03-HSE-197
10:00 - 10:25	RASHPETCO, Egypt	Mohamed Mousa	Implementation of risk based inspection on Ex-equipment	O-03-HSE-199
Alternative	RASHPETCO, Egypt	Ibrahim Fathy	"Defense in depth": Embedded Asset Integrity and Process Safety Management System – RASHPETCO case study	P-03-HSE-335
10:30 - 11:00 COFFEE BREAK				
SESSION NAME: HSE & ASSET INTEGRITY-2				
SESSION CHAIRMEN: TAREK ADLY (PETROJET) - SAMEH ABDEL RAZIK (EGAS)				
11:00 - 11:25	TECSA S.r.l., Italy	Rosario Sicari	Offshore risk management: Excellence achievement using new methods and technologies within a barrier based management system and a holistic approach	O-03-HSE-125
11:30 - 11:55	Reflex Marine Ltd, United Kingdom	Victoria Kalina	Increasing safety and reliability of offshore crew and cargo transfer without compromising operational capabilities	O-03-HSE-127
12:00 - 12:25	Wood, Ireland	Christopher Rai	A case study on the West Delta deep marine phase IXB reliability, availability and maintainability analysis	O-03-HSE-129
Alternative	ENAP SIPETROL, Egypt	Noha Abdel Zaher	Asset integrity definition and applications in oil & gas sector	P-03-HSE-334
12:30 - 14:00 LUNCH				
SESSION NAME: NEW SOLUTIONS TO OVERCOME DEVELOPMENT CHALLENGES IN DEEPWATER				
SESSION CHAIRMEN: SHRIF HASBALLA (ESHPETCO) - MOHAMED GABER (RASHPETCO)				
14:00 - 14:25	RASHPETCO, Egypt	Mamdouh Farouk	De-commissioning and reused of subsea HIPPS – 1st time in Egypt	O-01-Facilities-182
14:30 - 14:55	Mc Dermott Middle East, United Arab Emirates	Paul Westlake	Deepwater resonance during the installation of subsea hardware	O-01-Facilities-115
15:00 - 15:25	RASHPETCO, Egypt	Mohamed Salama	Comprehensive review of choke valve and its fabrication and calibration	O-01-Facilities-181
Alternative	ENPPI, Egypt	Eslam Omar	Modularization of subsea facilities	P-01-Facilities-323
15:30 - 16:00 COFFEE BREAK				
SESSION NAME: SHALLOW WATER DEVELOPMENT OPTIMIZATION				
SESSION CHAIRMEN: ELSAYED ELBADAWY (PMS) - HESHAM ALKHAFAF (PETROBEL)				
16:00 - 16:25	Mc Dermott Middle East, United Arab Emirates	Paul Saibal	Dual lift installation of an offshore deck – A cost effective solution in the Arabian Gulf	O-01-Facilities-114
16:30 - 16:55	Mc Dermott Middle East, United Arab Emirates	Tanusree Chakraborty	Selection criteria of cargo barges for transportation of heavy offshore structures	O-01-Facilities-117
17:00 - 17:25	Mc Dermott Middle East, United Arab Emirates	George Jijo Jacob Mattappillil	Design and installation of offshore jacket piles in shallow hard strata	O-01-Facilities-116
Alternative	RASHPETCO, Egypt	Emad Fawee	Jumper retrieval methodology	P-01-Facilities-322

HALL E - DAY 2				
SESSION NAME: DIGITAL OIL FIELD				
SESSION CHAIRMEN: DAWLAT HASHEM (EGAS) - YASSER NOUR (BARO SYSTEMS)				
TIME	COMPANY	AUTHOR	PAPER TITLE	
09:00 - 09:25	Fideys LLC, Russian Federation	Vladimir Levin	Overview of cloud engineering analysis for oil & gas applications	O-04-Digital-133
09:30 - 09:55	Agiba Petroleum Company, Egypt	Ahmed Sabaa	Digital oil field technologies implementation in mature fields of the Western Desert of Egypt	O-04-Digital-207
10:00 - 10:25	Capstone Energy consulting, USA	Sam Hemeda	Midstream digital journey	O-04-Machine-132
Alternative	PETROJET, Egypt	Ahmed Hegazy	Static equipment generator (3D digital prototyping and workshop drawing software for static equipment)	P-04-Digital-339
10:30 - 11:00 COFFEE BREAK				
SESSION NAME: INTERNET OF THINGS				
SESSION CHAIRMEN: DAWLAT HASHEM (EGAS) - TAREK SHABAKA (MCS)				
11:00 - 11:25	GASCO, Egypt	Waleed Hagag	Impact of information security awareness on oil and gas sector	O-04-Internet-208
11:30 - 11:55	PETROJET, Egypt	Wael Bakr	How IoT will mutate the Oil and Gas Industry	O-04-Internet-209
12:00 - 12:25	Schneider Electric, USA	Brian Canney	Enabling digitization through edge & cloud computing in the O & G Industry	O-04-Cloud-134
Alternative	Alexandria National Refining & Petrochemical Co. (ANRPC), Egypt	Mostafa Elshaarawy	Modernization of Refineries through IIOT	P-04-Internet-340
12:30 - 14:00 LUNCH				
SESSION NAME: BIG DATA ANALYTICS				
SESSION CHAIRMEN: SHERIF AHMED (IT VIKING) - BASSEM EMBABY (SCHLUMBERGER)				
14:00 - 14:25	Smart Empower Innovations Labs Inc., Canada	Rami Zewail	Condition monitoring using an IIoT-based sparse learning system	O-04-Machine-131
14:30 - 14:55	BARQ Systems, Egypt	Yasser Nour	Data Analytics – Oil & Gas	O-04-Data-206
15:00 - 15:25	PETROBEL, Egypt	Esraa Osama	Optimizing hydraulic fracturing design using genetic programming	O-04-Machine-202
Alternative	Khalda Petroleum Company, Egypt	Mohamed Salah	Advanced machine learning methods for prediction of fracture closure pressure	P-04-Machine-337
15:30 - 16:00 COFFEE BREAK				
SESSION NAME: MACHINE LEARNING & ARTIFICIAL INTELLIGENCE				
SESSION CHAIRMEN: WAEEL KOROSH (HALLIBURTON) - ESLAM HAMMAD (EDISON)				
16:00 - 16:25	PICO International Petroleum – Cheiron, Egypt	Sahar Hassan	The role of big data analytics in exploration and production benefits and applications	O-04-Machine-205
16:30 - 16:55	Halliburton, Egypt	Khaled Shabara	Driller's eye network	O-04-Machine-203
17:00 - 17:25	ENPPI, Egypt	Farid Ezzat	Machine learning application for large power transformer differential protection in the Oil & Gas industry	O-04-Machine-204
Alternative	Abu Qir Petroleum Company, Egypt	Wael Agha	Transformational leadership as a critical success factor for enterprise resource planning system implementation	P-04-Data-338

DAY 3 CONFERENCE PROGRAMME

HALL A - DAY 3

SESSION NAME: GEOPHYSICS TECHNOLOGY

SESSION CHAIRMEN: GAD EL QADY (NRIAG) - HATEM EWIDA (PRENCO)

TIME	COMPANY	AUTHOR	PAPER TITLE	
09:00 - 09:25	Al Azhar University, Assiut Branch, Egypt	Ahmed Radwan	Oil saturation and fractures determination using 3D seismic data reprocessing	O-01-Exploration-143
09:30 - 09:55	Schumberger, Egypt	Ivica Mihaljevic	Improving the illumination below Messinian through better acquisition planning	O-01-Exploration-101
10:00 - 10:25	GANOPE, Egypt	Mohamed El Ashmony	2-D gravity field modeling across the South Siwa area in search of hydrocarbon potentialities, onshore multi-client	O-01-Exploration-145
Alternative	RASHPETCO, Egypt	Islm Ali Mohamed	An accurate velocity model building using probabilistic neural network- A case study from offshore Nile Delta	P-01-Exploration-308

10:30 - 11:00 COFFEE BREAK

SESSION NAME: EFFICIENT TECHNIQUES IN HYDROCARBON TRANSPORTATION

SESSION CHAIRMEN: YASSER SALAH (GASCO) - MOSTAFA HELAL (EGAS)

11:00 - 11:25	Alexandria Petroleum Company, Egypt	Samir Elagamy	Evaluation of some petroleum products as heat transfer medium	O-01-Midstream-118
11:30 - 11:55	Sidi Kerir Petrochemicals Company (SIDPEC), Egypt	Mohanad Ahmed Salah	New techniques for metal sulfate scale removal from production pipelines case study, Sidi Kerir Petrochemical Co.	O-01-Midstream-184
12:00 - 12:25	PETROBEL, Egypt	Mohamed Salah	Nidoco NW Field production system enhancement opportunities by optimizing and re-evaluation the flow assurance criticalities	O-01-FlowAssurance-186
Alternative	Alexandria Mineral Oils Company (AMOC), Egypt	Bassam Hasan	Utilization of alphaolefin derivatives and styrene maleic anhydride copolymer as pour point depressants for lubricating oil	P-01-FlowAssurance-326

HALL B - DAY 3

SESSION NAME: FORMATION DAMAGE & FACILITIES

SESSION CHAIRMEN: ATEF HASAN (PETROBEL) - SAMIR ZAYED (PETROBEL)

TIME	COMPANY	AUTHOR	PAPER TITLE	
09:00 - 09:25	Libyan Petroleum Institute (LPI), Libya	Abdurazag Shebli	Characterization of sludge deposits from LPG plant	O-01-Reservoir-113
09:30 - 09:55	Baker Hughes (a GE Company), Saudi Arabia	Fayyaz Qureshi	Unleashing novel vibration signatures corresponding to unconventional failure modes in reciprocating compressors	O-01-Brown Field-120
10:00 - 10:25	Agiba Petroleum Company, Egypt	Marwa Alqutt	Reservoir formation damage, myths, facts and lessons learned from the damage of a deep well in Western Desert of Egypt	O-01-Reservoir-175
Alternative	Abu Qir Petroleum Company, Egypt	Mohamed El-Dabbour	Practical application on mitigation of formation damage induced by Gravel Pack operations in offshore gas condensate field	P-01-Reservoir-320

10:30 - 11:00 COFFEE BREAK

SESSION NAME: SENSORS AND SMART COMPLETION

SESSION CHAIRMEN: HASAN ABBADY (PHPC) - COLBY FUSER (HALLIBURTON)

11:00 - 11:25	InflowControl AS, Norway	Mahmoud Abdel Fattah	Case study: Demonstrating that autonomous inflow controls increase oil production and decrease gas production in a carbonate reservoir	O-01-Reservoir-112
11:30 - 11:55	RASHPETCO, Egypt	Mohamed Shetia	Success story of smart completion in developing subsea field stacked reservoirs	O-01-Reservoir-160
12:00 - 12:25	PETROBEL, Egypt	Mohamed Salah	Downhole and surface pressure sensors as an alternative and accurate solution for gas rate allocation in onshore and offshore applications	O-01-Reservoir-164
Alternative	BAPETCO, Egypt	Mohamed Nour	Electrical submersible pump real time data analysis and interpretation contributes towards enhanced ESP run life and maximized oil production in BAPETCO Oilfields	P-01-Reservoir-321

HALL C - DAY 3

SESSION NAME: DRILLING & COMPLETION-2

SESSION CHAIRMEN: SALAH ABDEL KARIM (BAPETCO) - SAMY ABDEL FATTAH (PETROGULF)

TIME	COMPANY	AUTHOR	PAPER TITLE	
09:00 - 09:25	Downhole Technology, USA	Omar Mohamed	Maximizing operational efficiency for fully composite FRAC plug quicker stages, less water, more dollars	O-01-Drilling-105
09:30 - 09:55	PETROBEL, Egypt	Ahmed Shaker	Thorough barrier diagnostics for well integrity problems identification using spectral noise logging. case study: T4-10 offshore gas well	O-01-Drilling-158
10:00 - 10:25	Interwell ME, United Arab Emirates	Steve Ross	High expansion VO RBP solution for failed lower master valve	O-01-Drilling-107
Alternative	Khalda Petroleum Company, Egypt	Ahmed Abdelaziz	Comparative study on drilling fluids effect on bits performance in Western Desert, Egypt	P-01-Drilling-313

10:30 - 11:00 COFFEE BREAK

SESSION NAME: DRILLING & COMPLETION-3

SESSION CHAIRMEN: OSAMA KAMEL (EDC) - MAGED MOURICE (EPHH)

11:00 - 11:25	Schlumberger, Egypt	Maria Leticia Vazquez	Diagnose and remediate leak in constrained operating conditions brings back to production, important gas well in Desouq area	O-01-Drilling-108
11:30 - 11:55	El-Mansoura Petroleum Company, Egypt	Mohamed Ammar	Creating a permanent electric power supply system for down hole devices in Oil and Gas wells	O-01-Drilling-156
12:00 - 12:25	PETROBEL, Egypt	Ahmed Raafat	Electro-mechanical setting tools eliminate the need for explosives in setting wellbore tools	O-01-Drilling-157
Alternative	PETROBEL, Egypt	Kareem Hassan	Horizontal drilling optimization in Abu Rudeis Field, Gulf of Suez, Egypt	P-01-Drilling-314

HALL D - DAY 3

SESSION NAME: HSE & ASSET INTEGRITY-3

SESSION CHAIRMEN: A NABIL ABDEL SADEK (GPC) - SABRY EL SHARKAWI (RASPETCO)

TIME	COMPANY	AUTHOR	PAPER TITLE	
09:00 - 09:25	Mellitah Oil & Gas B.V., Libya	Fwazi Elshawesh	Fatigue failure of 316L stainless steel coil tubes at gas processing facilities at offshore platform	O-03-HSE-130
09:30 - 09:55	CGE Risk Management Solutions B.V., Netherlands	Geert Van Loopik	Opportunities to enhance barrier management through incident analysis	O-03-HSE-128
10:00 - 10:25	Wood, USA	Samer Ibrahim	Effect of high temperature hydrogen attack in Dissimilar Materials under high working temperatures	O-03-HSE-126
Alternative	Khalda Petroleum Company, Egypt	Mahmoud Abushady	Criticality analysis for maintenance purposes and where to put the money	P-03-HSE-333
Alternative	Company Agiba Petroleum Company, Egypt	Ahmed Elgazar	Challenges in tight carbonates formation evaluation and the role of mud gas in selecting production intervals (Western Desert, Egypt)	P-01-Exploration-303

10:30 - 11:00 COFFEE BREAK

SESSION NAME: INNOVATIVE TECHNIQUES FOR COMPETITIVE PRODUCTION

SESSION CHAIRMEN: MAGDY GALAL (EGAS) - HESHAM SELIM (ECHEM)

11:00 - 11:25	GASCO, Egypt	Abd El-Rahman Sayed	Pre-feasibility study of petroleum products production from gas-to-liquids (GTL) plant in Egypt	O-01-Midstream-183
11:30 - 11:55	Alexandria Mineral Oils Company (AMOC), Egypt	Marwan Soliman	Improvement of gasoline octane number by using some petroleum extracts	O-01-Midstream-185
12:00 - 12:25	Alexandria National Refining & Petrochemical Co. (ANRPC), Egypt	Hassan Elnagar	Improvement of crude oil flow properties using innovative polymeric materials	O-01-FlowAssurance-187
Alternative	Alexandria Mineral Oils Company (AMOC), Egypt	Mohamed Kenawy	Preparation of copolymer based on octadecene and maleic anhydride as pour point depressant for some types of gas oil	P-01-Midstream-325
Alternative	GUPCO, Egypt	Wael Kassem	Implication of pore pressure modeling on the hydrocarbon migration pathways in GS365 oil field, Gulf of Suez, Egypt	P-01-Exploration-307