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TRANSITION TO A SUSTAINABLE **ENERGY MIX:** THE CONTRIBUTION OF THE OIL & GAS INDUSTRY

OMC 2017, to be held on 29-31 March. promises to attract a wealth of decisionmakers and industry professionals despite the turbulence in the market, with low oil prices affecting many producers and those in the supply chain. OMC is the place to share ideas, new researches, innovations and the latest developments impacting the exploration and production activities in the Mediterranean Sea

Nowadays the Mediterranean energy market is facing crucial changes and stimulating challenges and therefore, more than ever, the countries of the region are charged to develop a common integrated strategy towards an independent and more efficient energy policy. The combined resources of Egypt, Cyprus, Lebanon, Israel and Libya advocate the creation of a real gas hub in the Mediterranean area that, in the next few years, could become a major gas supplier to Europe.

The theme of the Conference, "Transition to a Sustainable Energy Mix: the contribution of the oil & gas industry", will be declined from a number of angles throughout the entire conference programme starting with the Opening Plenary Session, in the panel discussions and in the technical sessions, providing a 360 degree view to the international audience.

Resilience, gas hub and low carbon economy are some of the keywords characterizing the programme.

The resilient O&G industry, with its distinctive technological capabilities and passion for innovation, will have to reshape the activities to sustain production in a period of declining prices.

The huge potential of the Mediterranean Basin can act as the driver of cooperation among the countries of the Region and provide also an opportunity for Europe in the diversification strategy of gas supply. The efforts of the Oil & Gas industry to develop and implement technology solutions and measures to pursue a

As usual OMC will combine business networking among the participants with opportunities to discover Ravenna's treasures, from its glorious monuments listed as UNESCO heritage to the long tradition of food and wine.

We invite you to join us in Ravenna and share your expertise and experience with energy professionals from worldwide.

See you at OMC 2017!

greener use of energy.

Innocenzo Titone Chairman Committee. OMC 2017

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RECORD NUMBER OF ABSTRACTS RECEIVED

OMC 2017 has seen the highest number of submissions ever in the whole history of the conference: with more than 320 abstracts received, the Programme Committee was really challenged but also in the position to choose only the very best contributions.

27 conference sessions will offer a broad overview on the expertise required by our industry, with specific sessions dedicated to transition and innovation, two key and interrelated topics for the energy industry of the future.

In addition, the theme of transition will be discussed in the panel discussion dedicated to The Low Carbon Economy and the O&G Industry, where leading industry experts and renowned thought leaders will discuss the outlook of this industry in the next decades.

The current depressed oil price scenario will be addressed in the panel The Resilient O&G Industry, by highlighting the areas where the industry can enhance its resilience to external shocks, with innovation and technology playing a key role.

A focus on the Mediterranean Basin as a New Gas Hub for Europe completes the panel sessions, by discussing opportunities arising around the recent large gas discoveries offshore Egypt.

SPE Italy will organize the Student Contest as part of the already traditional OMC Youth Program, which will allow industry, academia and students to meet and prepare the new generation of our industry

Finally, the University of Bologna will organize a short course on Safety in O&G Operations, in line with our tradition of ever higher safety standards.

We, the Programme Committee, have done our best to set up an exciting and upto-date conference program and believe that the three days of the Conference will be an excellent opportunity for all the actors in the value chain to meet, discuss and - above all - plan for the future.

As Enrico Mattei - eni founder - used to say: "The future belongs to those able to devise it".

Roberto Cimino

Chairman of the Programme Committee OMC 2017



PROGRAMME COMMITTEE

ВН

DRILLING FLUIDS OGS



CHAIRMAN ROBERTO CIMINO / eni / Italy

WEDNESDAY 29th MARCH 2017

9,00 **INAUGURATION OF THE EXHIBITION**

> 10.00 **OPENING CEREMONY - WELCOME ADDRESSES**

> > INNOCENZO TITONE, Chairman OMC 2017 MICHELE DE PASCALE, Mayor of Ravenna NATALINO GIGANTE, Chairman Ravenna Chamber of Commerce

10,30 **OPENING PLENARY SESSION**

> THE CONTRIBUTION OF THE OIL & GAS INDUSTRY" CARLO CALENDA, Minister of Economic Development JABBAR LUAIBI, Minister of Oil, Iraq CLAUDIO DESCALZI, CEO eni MARC BENAYOUN, CEO Edison LORENZO SIMONELLI, CEO GE Oil & Gas

"TRANSITION TO A SUSTAINABLE ENERGY MIX:

REMI ERIKSON, CEO DNV GL

* To be confirmed

AKER SOLUTIONS PETTER JOHANNESEN OIL STATES INC. EDGAR KELISER ASCOMP AG DJAMEL LAKEHAL PETROBEL SAMIR SIZOSTRIS MIKHAEL MICHAEL NEUBERT AZER SISO BP EGYPT GIHAN EL BAKRY OMARA PETROBEL SAMIR IBRAHEM HASSAN CLAUSTHAL UNIVERSITY JOACHIM OPPELT ZAYED OF TECHNOLOGY POLIMI FABIO INZOLI DNV GL O&G LIV HOVEM POLITO FRANCESCA VERGA **EDISON** PAOLO TERDICH PROGER GIUSEPPE GIANSANTE ENEL TRADE FERNANDA PANVINI SAIPEM MARIO MARCHIONNA ANDREA RIMOLDI SCHLUMBERGER DARIO MOLTENI **FMC TECHNOLOGIES** FABIO DECATALDO SHELL MATTEO MISTRI GE OIL & GAS MARCO RUGGIERO SONATRACH ABDERRAHMANE LADDADA SPE ITALY GEOLOG INTERNATIONAL ETTORE CARCIONE ALESSANDRO TIANI HALLIBURTON FARIO CERVINI TEA SISTEMI EDOARDO DELLA ROLE INGV FEDORA QUATTROCCHI TECHNIP ITALY GIANCARLO CAVINA TECNOMARE DANILO MADDALENA M-I- Swaco STEVE YOUNG **NEWPARK** ANTONIO SANTANDREA UNIVERSITÀ BOLOGNA PAOLO MACINI

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	TECHNICAL PROGRAMME		P	ANEL DISCUSSIONS,	SIDE EVENTS		SOCIAL EVENTS	
						9,30 19,00	OMC Golf Tournament Welcome Cocktail	Adriatic Golf Club in Cervia
14,30 14,30	Digital Posters Offshore Technologies Petrophysics	Hall 4 Room A Room B	9,00 10,30	Inauguration and Opening Ceremony Opening Session:	main entrance	13,00	Working lunch	Delegate Restaurant
	New Technologies Flow Assurance Challenges	Room C Room D		Transition to a Sustainable Energy Mix:		21,00	Gala Dinner	Delegate Restaurant
16,25 16,25	Digital Posters Health, Safety & Environment in Offshore Operations (1) Production Optimisation	Room B Room C	16,30	the Contribution of the O&G Industry Panel Discussion - The resilient oil & gas industry:	Room A			
	Geophysical Approach	Room D		staying competitive at low oil prices	Room A			
09,00	Drilling Optimisation	Room B	9,00	Panel Discussion -		10.40	Coffee Break	
	Health, Safety & Environment in Offshore Operations (2) Preparing the Industry	Room C		Mediterranean Basin: a new gas hub for Europe	Room A	13,00	Working lunch	Delegate Restaurant
10,00	for the Transition (1) Digital Posters	Room D Hall 4	10,45	Youth Programme: Company Presentations	Arena	16.10	Coffee Break	
11,05	Field Development EOR	Room A Room B	14,30	Youth Programme: SPE	A	20.00	Gala Concert	Sant'Apollinare
14,30 14,30	Workflow Deepwater Technologies Digital Posters Gas Value (1) Subsea Production Systems: Progress and New Trends New Opportunities	Room C Room D Hall 4 Room A Room B Room C		Student Paper Contest	Arena			in Classe
16,25	Data Driven Optimisation Digital Posters	Room D						
16,25	Completion and Stimulation Gas Value (2) Complex Systems	Room A Room B Room C						
	Fluids Management and Application	Room D						
09,00	Digital Posters	Room B	9,00	Panel Discussion - Low		10.40	Coffee Break	
09,00	Production Decommissioning Developing New Technologies (1)	Room B Room C		Carbon Economy and the O&G Industry	Room A	13,00	Award lunch	Delegate
11,05	Developing New Technologies (1) Gas Storage Production Efficiency Preparing the Industry for the Transition (2) Developing New Technologies (2)	Room A Room B	9,00	Course on Advanced Safety Techniques in Offshore Operations	Room E			Restaurant

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WEDNESDAY 29th March 14.30 - 16.05

Room A **OFFSHORE TECHNOLOGIES**

O-OFFTECH1/107

FIRST PROJECT DEPLOYMENT OF SEAM WELDED SUPER DUPLEX STAINLESS STEEL TUBES PROVES BENEFITS FOR LONG DISTANCE TIFBACK UMBILICALS Speaker: Evin Harold - Vallourec

Umbilicals

O-OFFTECH2/304

A NEW APPROACH TO THE GIRTH WELDING OF CLAD PIPELINES. Speaker: Jonathan Bowers - Saipem

O-OFFTECH3/144

AN INNOVATIVE APPROACH FOR OFFSHORE SUBSIDENCE MONITORING: TECHNOLOGY SCOUTING, FEASIBILITY STUDIES AND REALIZATION Speaker: Roberto Miandro - eni

O-OFFTECH4/262

ALTERNATIVE TO SYSTEM PRESSURE **TEST FOR DEEPWATER PIPELINES** Speaker: Asle Venas - DNV GL

Room B **PETROPHYSICS**

O-PETRO1/102

PRESSURE DEPLETION EVALUATION BEHIND CASING USING PULSED **NEUTRON TECHNOLOGY: AN** APPLICATION IN A MULTI-LAYER GAS RESERVOIR IN EASTERN "PIANURA PADANA" BASIN

Speaker: Massimo Borghi - eni

O-PETRO2/60

FIELD DEVELOPMENT AND PRODUCTION OPTIMIZATION BY IDENTIFICATION OF LOW RESISTIVITY LOW CONTRAST (LRLC) PAY ZONES FOR HIGH HETEROGENEOUS SANDSTONE RESERVOIR IN BAHARIYA FORMATION, WESTERN DESERT, **EGYPT**

Speaker: Haytham Sayed Aly Osman -Agiba Petroleum Company

O-PETRO3/103

QUANTITATIVE SPECTRAL ANALYSIS OF NOISE LOG MEASUREMENTS FOR ENHANCED DYNAMIC CHARACTERIZATION OF COMPLEX RESERVOIRS

Speaker: Sara Cicione - eni

O-PETRO4/120

FLUID QUANTIFICATION IN OIL SANDS USING A 2D NMR **SPECTROSCOPY**

Speaker: Henry Enninful - Politecnico di Torino

Room C **NEW TECHNOLOGIES**

O-NEWTECH1/220

INNOVATIVE AND PROACTIVE "GEO-STOPPING TECHNOLOGY" TO DETERMINE THE CASING POINT AT TOP OF DEPLETED ZONES Speaker: Mohamed Sobhy - Petrobel

O-NEWTECH2/24

ENI EXPERIENCE TO DRILL DEEPWATER HPHT MEDITERRANEAN WELLS WITH LOW MARGIN BETWEEN PORE AND FRACTURE **GRADIENTS USING NEW TECHNOLOGIES AND AN** ADEQUATE ORGANIZATION Speaker: Enrico Squintani - eni

O-NEWTECH3/81

ENHANCED EROSION PREDICTION FOR XTRFF VAIVES' LIFFTIME **ESTIMATION**

Speaker: Simone Gorini - eni

O-NEWTECH4/251

USE OF SERIOUS GAMING AND VIRTUAL REALITY APPLICATIONS IMPROVES STUDENTS' LEARNING RETENTION AND REDUCES SAFETY RISKS AND COSTS ASSOCIATED WITH TRAINING ACTIVITIES Speaker: Piergiorgio Gallerati - Wellynx

O-NEWTECH5/300

HELIUM DETECTION AT WELLSITE: A POWERFUL GEOCHEMICAL TOOL Speaker: Bianca Cecconi - Geolog srl

Room D FLOW ASSURANCE CHALLENGES

O-FLOW1/177

FLOW ASSURANCE MODEL MANAGEMENT: TOOLS FOR LONG-TERM MODEL GENERATION. ARCHIVING AND DEPLOYMENT Speaker: Alberto Giulio Di Lullo - eni

O-FLOW2/178

THE EFFECT OF ULTRASONIC WAVE ON THE REMOVAL OF INORGANIC SCALES: NACL AND KCL Speaker: Sevedahmad Hosseini -Politecnico di Torino

O-FLOW3/43

TECHNICAL ASSESSMENT AND QUALIFICATION OF LOCAL AND DISTRIBUTED ACTIVE HEATING **TECHNOLOGIES**

Speaker: François Lirola - SAIPEM SA

O-FLOW4/225

MAST MULTIPHASE FLOW CODE **VALIDATION**

Speaker: Paolo Andreussi - TEA

WEDNESDAY 29th March 16.25 - 18.05

Room A THE RESILIENT OIL&GAS **INDUSTRY: STAYING** COMPETITIVE AT LOW OIL **PRICES**

Panel Discussion

Room B **HEALTH, SAFETY & ENVIRONMENT IN OFFSHORE OPERATIONS (1)**

O-1HSE1/295

EVOLVED SENSING PLATFORM FOR THE OFFSHORE SITES SEA WATER **ENVIRONMENTAL MONITORING** Speaker: Candido Pirri - Politecnico di Torino - DISMIC

O-1HSE2/307

NET ENVIRONMENTAL BENEFIT ANALYSIS: A TOOL TO INFORM OIL SPILL CONTINGENCY PLANNING Speaker: Giuliana Iazeolla - eni

O-1HSE3/284

SYSTEMATIC RISK BASED **VERIFICATION OF BARRIERS - WHILE** IMPLEMENTING THE EU OFFSHORE SAFETY DIRECTIVE Speaker: Lars Buus - DNV GL

O-1HSE4/292

MULTI-CRITERIA INDICATORS FOR THE INHERENT SAFETY PROFILE OF **OFF-SHORE OIL&GAS FACILITIES** Speaker: Alessandro Tugnoli -Università di Bologna

Room C PRODUCTION OPTIMISATION

O-PRODOPT1/105

UNLOADING TECHNOLOGIES SELECTION TOOL FOR DEWATERING **SOLUTION**

Speaker: Pasquale Imbò - eni

O-PRODOPT2/31

MODELING THE IMPACT OF CONDENSATE BANKING PHENOMENA ON RICH GAS WELLS: A FIELD CASE STUDY

Speaker: Smail Alooui - Sonatrach-First Calgary petroleum-Eni Association

O-PRODOPT3/125

EFFECTIVE ZONAL ISOLATION USING ORGANIC CROSS-LINKED POLYMER MAXIMIZED PRODUCTION OF MATURE FIELDS.

Speaker: Ahmed Sabaa - Agiba Petroleum Company

O-PRODOPT4/203

PRODUCTION ALLOCATION WITHOUT END MEMBERS: NOW IT IS POSSIBLE

Speaker: Alfonso Amendola - eni

Room D GEOPHYSICAL APPROACH

O-GEOPHYSICS1/241

REMOTE SENSING AND GEOPHYSICAL EXPRESSION OF TECTONIC ELEMENTS OF THE EAST UWEINAT\GILF KEBIR BASIN AREA, SOUTHWEST WESTERN DESERT, **FGYPT**

Speaker: Khalid Ali - Ganoub El Wadi Petroleum Holding Company (Ganope)

O-GEOPHYSICS2/134

TECTONO-STRATIGRAPHY AND RESERVOIR FACIES OF SERRAVALLIAN-TORTONIAN SUCCESSION AND ITS IMPACT ON THE EXPLORATIVE POTENTIAL IN NORTHEASTERN OFFSHORE NILE DELTA BASIN, EGYPT

Speaker: Mohamed Adel - Belayim Petroleum Company (Petrobel)

O-GEOPHYSICS3/13

INTEGRATION OF PETROLOGY AND PETROPHYSICAL ROCK TYPING FOR OPTIMUM RESERVOIR ZONATION AND PERMEABILITY PREDICTION (CASE STUDY: NORTH GULF OF SUEZ. EGYPT)

Speaker: Ahmed Kassem - GUPCO

O-GEOPHYSICS4/142

BAYESIAN PETROPHYSICAL-SEISMIC INVERSION TECHNIQUES FOR KEY RESERVOIR PARAMETER ESTIMATION: A CASE STUDY FROM THE OFFSHORE NILE DELTA.

Speaker: Fabio Ciabarri - Edison

O-GEOPHYSICS5/30

A NEW EXPERIMENTAL AND THEORETICAL APPROACH FOR PREDICTING SECONDARY OIL-TO-GAS CRACKING KINETICS IN PETROLEUM SYSTEM MODELLING Speaker: Danilo Dolci - eni

THURSDAY 30th March 9.00 - 10.40

Room A **MEDITERRANEAN BASIN: A NEW GAS HUB FOR EUROPE**

Panel Discussion

Room B DRILLING OPTIMISATION

O-DRILLOPT1/118

CLOSING "THE LOOP" WITH MUDLOG DATA: FROM PERFORMANCE ANALYSIS TO **UNCERTAINTIES MANAGEMENT TO** PLAN FUTURE WELLS Speaker: Fabrizio Zausa - eni

O-DRILLOPT2/16

REDUCED RISK AND DOWNTIME ON CLOSE PROXIMITY DRILLING Speaker: Kjetil Nysater - ClampOn

O-DRILLOPT3/59

AUTOMATED WHILE-DRILLING TELEMETRY SYSTEMS PERFORMANCE ANALYSIS AND SELECTION OPTIMIZATION IN UNDERBALANCED DRILLING **OPERATIONS**

Speaker: Parvin Huseynov - Clausthal University

O-DRILLOPT4/147

NEW APPROACH OF RESERVOIR MAPPING WHILE DRILLING **TECHNOLOGY TO AVOID** PILOT HOLE IN HORIZONTAL **APPLICATIONS** Speaker: Gamal Gouda - eni Egypt

Room C **HEALTH, SAFETY & ENVIRONMENT IN OFFSHORE OPERATIONS (2)**

O-2HSE1/283

SIMULTANEOUS OPERATION IN OIL&GAS INDUSTRY: FROM **REGULATION TO PRACTICE** Speaker: Francesco Ganci - Politecnico di Torino

O-2HSE2/293

NUMERICAL SIMULATION OF SEDIMENT DISPERSION DURING POST-TRENCHING OF SEALINES Speaker: Alessia Liberatore - Proger

O-2HSE3/212

REAL TIME MONITORING OF PERSONNEL OFF-SHORE **TRANSPORT** Speaker: Antonietta Fisicaro - eni

O-2HSE4/294

Bologna

QUANTITATIVE ASSESSMENT OF ENVIRONMENTAL IMPACT OF OFF-SHORE OIL SPILLS: INFLUENCE OF **REMEDIATION STRATEGIES** Speaker: Valerio Cozzani - University of

Room D PREPARING THE INDUSTRY FOR THE TRANSITION (1)

O-1TRANSITION1/119

RENEWABLE ENERGY AND IMPROVING THE OVERALL ENERGY BALANCE - BELAYIM FIELDS CASE **STUDY**

Speaker: Mahmoud Ebied - Petrobel

O-1TRANSITION2/243

COST-EFFICIENT IMPROVEMENTS OF **ENVIRONMENTAL SUSTAINABILITY** IN THE OIL AND GAS INDUSTRY Speaker: Torild Nissen-Lie - DNV GL

O-1TRANSITION3/42

ENHANCED EFFICIENCY AND CO2 **EMISSION REDUCTION IN THE O&G SECTOR THROUGH ORGANIC** RANKINE CYCLE TECHNOLOGY Speaker: Nicola Rossetti - Turboden

O-1TRANSITION4/298

WATER PURIFICATION BY IMPROVED POLYMERIC AND GRAPHENE-BASED **MEMBRANES**

Speaker: Elena Tresso - Politecnico di Torino

O-1TRANSITION5/80

A GOVERNANCE APPROACH BASED ON ISO 26000 FOR THE OIL AND GAS **INDUSTRY**

Speaker: Laura Severino - RINA Services

THURSDAY 30th March 11.05 - 12.45

Room A FIELD DEVELOPMENT

O-FIELDDEV1/206

GRAND NOOROS DEVELOPMENT AS INTEGRATED & FAST TRACK PROJECT - A STORY OF SUCCESS Speaker: Mohamed Salah - PETROBEL

O-FIELDDEV2/217

HIGH-RESOLUTION RESERVOIR SIMULATOR AND TRANSMISSIBILITY UPSCALING AS A KEY TO RESERVOIR MODELLING OPTIMIZATION IN AN EXTRA-HEAVY OIL FIELD Speaker: Matteo Albertini - eni

O-FIELDDEV3/73

INNOVATIVE TECHNIQUE FOR EFFICIENT PLACEMENT OF MULTI-PATTERN INFILL WELLS UNDER **GEOLOGICAL UNCERTAINTY** Speaker: Daniel Awofodu - Clausthal University of Technology

O-FIELDDEV4/255

ZOHR FIELD: ENHANCED CHARACTERIZATION OF PRODUCTIVE INTERVALS BY MEANS OF AN INNOVATIVE TEMPERATURE MONITORING APPLICATION DURING **WELL TESTING** Speaker: Samir Sizostris - eni

Room B **EOR**

O-EOR1/245

CO2 INJECTION IN CARBONATE RESERVOIRS: COMBINING EOR AND CO2 STORAGE

Speaker: Fabiana Rotelli - eni

O-EOR2/254

DESIGNING AND IMPLEMENTING ADEQUATE MONITORING PLAN FOR PILOT PROJECT OF POLYMER FLOODING IN BELAYIM LAND FIELD Speaker: Mostafa Kortam - Petrobel

O-EOR3/28

INVESTIGATING THE RELATION BETWEEN OIL RECOVERY FACTOR IN CARBONATE OIL RESERVOIR AND INJECTED WATER SALINITY Speaker: Mohammed Shawky -Petrosilah

O-EOR4/253

di Milano

USE OF X-RAY SATURATION MEASUREMENTS IN FLOW-THROUGH INVESTIGATIONS FOR THE CHARACTERIZATION OF TWO- AND THREE-PHASE RELATIVE PERMEABILITY OF CARBONATE ROCK Speaker: Leili Moghadasi - Politecnico

Room C WORKFLOW

O-WORKFLOW1/114

CSO: THE CATALOGUE OF ITALIAN **OFF-SHORE SEISMICITY** Speaker: Mario Anselmi - INGV

O-WORKFLOW3/9

IDENTIFICATION OF PLIOCENE GAS PROSPECTS IN ONSHORE NILE **DELTA- A CASE HISTORY** Speaker: Mahmoud Eloribi - Dana Gas

O-WORKFLOW4/137

NEW SEISMIC ATTRIBUTES ASSISTED INTERPRETATION OF SUBTLE STRATIGRAPHIC TRAPS IN NILE DELTA, EGYPT. Speaker: Amr Talaat - Petrobel

O-WORKFLOW/62

INNOVATIVE SEQUENCE STRATIGRAPHY STUDY TO **EVALUATE AND DE-RISK MESSINIAN** POTENTIALITY; CASE STUDY FROM WEST DELTA DEEP MARINE. OFFSHORE NILE DELTA, EGYPT. Speaker: Shaker Latif - Rashpetco

Room D **DEEPWATER TECHNOLOGIES**

O-DEEPWATER1/174

TECHNOLOGY DEVELOPMENTS IN PROCESSING AND POWER TRANSMISSION FOR LONG STEP-**OUT SUBSEA APPLICATIONS** Speaker: Marco Gabelloni - Aker Solutions

O-DEEPWATER2/171

ACOUSTIC TECHNOLOGY FOR LARGE OBSTRUCTION DETECTION IN PIPELINES Speaker: Natalia Pierozzi - Saipem

O-DEEPWATER3/258

SUBSEA SMART CROSSING: AN INNOVATIVE SOLUTION TO SIMPLIFY FIELD ARCHITECTURE AND ENABLE COST EFFECTIVE INSTALLATIONS OF SUBSEA PIPELINES FOR LONG-TIE BACKS, SCARP/CANYON CROSSINGS AND ULTRA-DEEP WATER **APPLICATIONS**

Speaker: Tyler Skowronek -OneSubsea, a Schlumberger Company

O-DEEPWATER4/180

INNOVATIVE ARCHITECTURES & TECHNOLOGIES FOR SUBSEA GAS FIELDS DEVELOPMENTS Speaker: Shaiek Sadia - SAIPEM SA

THURSDAY 30th March 14.30 - 16.05

Room A GAS VALUE (1)

O-1GAS1/14

THE MIGRATE PROJECT: MARINE GAS HYDRATE - AN INDIGENOUS RESOURCE OF NATURAL GAS FOR **EUROPE**

Speaker: Umberta Tinivella - OGS

O-1GAS2/248

THE NEW ERA OF COMPRESSED NATURAL GAS TRANSPORTATION Speaker: Mirco Busetto - Fincantieri

O-1GAS4/265

EXPLORING TECHNOLOGIES AND CONCEPTS FOR CREATING VALUE FROM FLARED AND VENTED GAS Speaker: Fabio Lo Brutto - DNV GL

O-1GAS/264

ALTERNATIVE FUELS FOR POWER GENERATION WITHIN OIL AND GAS **INDUSTRY**

Speaker: Stefan Fältén - Wärtsilä Finland Oy

Room B SUBSEA PRODUCTION SYSTEMS: PROGRESS AND **NEW TRENDS**

O-SUBSEA1/27

POUNDING TUNED MASS DAMPER: AN INNOVATIVE DAMPER FOR SUBSEA PIPELINE AND JUMPER **VIBRATION CONTROLS** Speaker: Akshay Kalia - OneSubsea, a

O-SUBSEA2/79

Schlumberger Company

A NEW FAMILY OF UMBILICAL TERMINATION ASSEMBLY DESIGNED FOR ULTRA-DEEP SUBSEA FIELDS Speaker: Gaetano Di Maio - GE Oil & Gas

O-SUBSEA3/290

FUTURE SUBSEA COMPRESSION Speaker: Leif Arne Tønnssen - FMC **Technologies**

O-SUBSEA4/175

SUBSEA ALL ELECTRIC - AN **ENABLING TECHNOLOGY FOR COST** EFFICIENT FIELD DEVELOPMENT. Speaker: Einar Winther-Larssen - Aker Solutions

Room C **NEW OPPORTUNITIES**

O-NEWOPP1/210

WIN WIN - WIND-POWERED WATER INJECTION

Speaker: Francesca Feller - DNV GL

O-NEWOPP2/195

IMPLEMENTING THE MONITORING AND RESTORATION OF DEEP-SEA **ECOSYSTEMS**

Speaker: Roberto Danovaro -Polytechnic University of Marche

O-NEWOPP3/250

DEEP SEA MINING: AN OPPORTUNITY FOR THE ITALIAN OFFSHORE INDUSTRY? Speaker: Marko Keber - Fincantieri Oil & Gas

O-NEWOPP4/192

EXPLOITATION OF GEOTHERMAL RESOURCES: A METHOD FOR THE PRODUCTIVITY ANALYSIS Speaker: Valeria Paoletti - University of Naples "Federico II"

Room D DATA DRIVEN OPTIMISATION

O-DATA1/169

FIELD APPLICATION OF KEY PERFORMANCE INDICATORS FOR DIGITAL OILFIELD TO MONITOR AND PREDICT PROCESS UPSETS Speaker: Ananio Rubanu - eni

O-DATA2/69

FIREFLY OPTIMIZATION, A NOVEL ALGORITHM TO THE ARENA OF RESERVOIR SIMULATION ASSISTED HISTORY MATCHING Speaker: Mohamed Shams -**AMAPETCO**

O-DATA3/233

MAXIMIZING PROJECT VALUE WHILE MINIMIZING RISK: INNOVATIVE APPLICATION OF ROBUST OPTIMIZATION WITH USE OF PROXY **MODELS**

Speaker: Angelo Esposito - eni

O-DATA4/257

REAL-TIME MONITORING OF BOP RELIABILITY Speaker: Luiz Fernando Oliveira - DNV GL

THURSDAY 30th March 16.25 - 18.05

Room A **COMPLETION AND STIMULATION**

O-COMP&STIM1/37

CASE STUDY: APPLICATION OF COMBINED CHEMICAL TRACER TECHNOLOGIES TO OPTIMIZE COMPLETION PROCEDURES IN THE **BLACK SEA OF ROMANIA** Speaker: Ricardo Villasenor - OMV Petrom S.A.

O-COMP&STIM2/155

EFFECT OF RESERVOIR DYNAMIC CONDITIONS ON CEMENT QUALITY OF NEW DRILLED DEEP WELLS **DURING FIELD DEVELOPMENT -**CASE HISTORY

Speaker: Marwa Algutt - Agiba Petroleum Company

O-COMP&STIM3/152

USE OF A DELAYED-RELEASE ACID TREATMENT FOR WELLBORE REMEDIATION IN OFFSHORE **CARBONATE FIELD** Speaker: Marco Colombo - eni

O-COMP&STIM4/286

SELF-SEALING RESILIENT CEMENTING SYSTEM ENABLES ZONAL ISOLATION IN CHALLENGING INJECTOR WELL: A CASE HISTORY IN THE UAE Speaker: Yusuf Saeed - Baker Hughes

Room B GAS VALUE (2)

O-2GAS1/95

STANDARD HOLISTIC SCENARIO FRAMEWORK FOR SMALL SCALE LNG STORAGE FACILITIES AT **CONCEPTUAL STAGE** Speaker: Bartlomiej Zygmunt Kolosowski - DNV GL

O-2GAS2/15

METHODOLOGY TO QUANTIFY GAS HYDRATE PRESENCE BY USING REAL DATA AND THEORETICAL APPROACHES: EXAMPLE OF APPLICATION TO REAL CASES Speaker: Umberta Tinivella - OGS

O-2GAS3/133

RELIABILITY, AVAILABILITY AND MAINTAINABILITY ANALYSIS TO OPTIMIZE SEND OUT PRODUCTION ON GAS FLOATING UNITS Speaker: Karina Forte - Bureau Veritas

O-2GAS4/215

ENERGY EFFICIENCY APPROACH IN THE O&G OFFSHORE OPERATION: **OSV LNG PROPELLED** Speaker: Vittorio De Luca - eni

Room C. COMPLEX SYSTEMS

O-COMPLEXSYS1/139

AN INNOVATIVE APPROACH FOR PERMEABILITY CHARACTERIZATION IN TURBIDITES SEQUENCES OF THE ADRIATIC SEA

Speaker: Fabio Rosetto - eni

O-COMPLEXSYS2/63

INTEGRATED RESERVOIR CHARACTERIZATION AND PETROPHYSICAL APPROACH TO UNDERSTAND CHANNEL **EVOLUTION AND HETEROGENEITY.** OFFSHORE NILE-DELTA EGYPT. Speaker: Shaker Latif - Rashpetco

O-COMPLEXSYS4/296

CHARACTERIZATION OF THE RESERVOIR ROCK SATURATING FLUIDS BY THE NMR PERFIDI SEQUENCE Speaker: Ester Maria Vasini - University of Bologna

Room D FLUIDS MANAGEMENT & **APPLICATION**

O-FLUIDS1/38

COMPARISON BETWEEN TEMPERATURE TRANSIENT BEHAVIOR MODELLING AND FIELD DATA DURING CIRCULATION BEFORE CEMENTING IN HP/HT CONDITIONS

Speaker: Antonino Merlo - eni

O-FLUIDS2/150

HIGH PERFORMANCE WATER BASE FLUID IMPROVES WELLBORE STABILITY AND LOWERS TORQUE Speaker: Franco Arpini - Newpark Drilling Fluids

O-FLUIDS3/287

FEASIBILITY STUDY OF MANAGED PRESSURE DRILLING APPLICATION FOR OVERCOMING PROBLEMS FACED IN CONVENTIONAL DRILLING PRACTICES IN MATURE OILFIELDS: CASE STUDY MANSOURI OILFIELD, **SOUTHWEST IRAN** Speaker: Ahmadreza Hadinejad -Politecnico di Torino

O-FLUIDS4/232

REAL TIME MUD MONITORING SYSTEM IMPROVES DRILLING **EFFICIENCIES**

Speaker: Andrea Spelta - eni

FRIDAY 31st March 9.00 - 10.40

Room A LOW CARBON ECONOMY AND THE O&G INDUSTRY

Panel Discussion

Room B **PRODUCTION**

O-PROD1/94

ENERGY EFFICIENCY BOOSTING: FIELD APPLICATION OF AN INNOVATIVE INTEGRATED PRODUCTION OPTIMIZATION TOOL TO MAXIMIZE PRODUCTION AND SAVE ENERGY

Speaker: Sara Scaramellini - eni

O-PROD2/312

WASTE WATER TREATMENT SYSTEM IN TEMPA ROSSA PROJECT Speaker: Taher Sheikh Zeineddin -TOTAL

O-PROD3/48

MINIMUM REQUIREMENTS FOR DECISION MAKING AND MAINTENANCE OF EXISTING FIXED OFFSHORE STRUCTURES Speaker: Stefano Copello - RINA Services

O-PROD4/90

PARALLEL SIMULATION TECHNIQUES FOR REAL-TIME FIELD MANAGEMENT: AN INNOVATIVE INTEGRATED PRODUCTION OPTIMIZATION TOOL APPLICATION Speaker: Sara Scaramellini - eni

Room C. **DECOMMISSIONING**

O-DECOMM1/57

DISCONNECTION OF A FLOATING PRODUCTION STORAGE AND OFF-LOADING UNIT - A SUCCESSFUL CASE STUDY

Speaker: Carlos Friederichs - eni

O-DECOMM2/61

GREEN DECOMMISSIONING: RE-USE OF NORTH SEA OFFSHORE ASSETS IN A SUSTAINABLE ENERGY FUTURE Speaker: Ben Oudman - DNV GL

O-DECOMM3/263

WELL CONSTRUCTION AND **DECONSTRUCTION OPERATIONS** UTILISING A RIGLESS PULLING AND JACKING UNIT: CASE STUDIES Speaker: Steven Canny - Weatherford

O-DECOMM4/51

CONDITION ASSESSMENT FOR OFFSHORE PLATFORM REUSE Speaker: Stefano Gaugenrieder - RINA Services

Room D **DEVELOPING NEW TECHNOLOGIES (1)**

O-1DEVTECH1/274

RAPID CUBE - DEVELOPMENT OF A CONTAINMENT SYSTEM FOR SUBSEA BLOWOUTS Speaker: Andrea Lainati - eni

O-1DEVTECH2/278

PIRM-DMS: A DECISION MAKING TOOL FOR PIPELINE INTEGRITY AND **RISK MANAGEMENT** Speaker: Enrico Di Martino -D'Appolonia

O-1DEVTECH3/143

PERMANENT MAGNET MOTOR (PMM) AS THE RIGHT SOLUTION FOR ELECTRIC SUBMERSIBLE PUMP SYSTEM CHALLENGES IN BELEYEM OILFIELDS (CASE STUDY) Speaker: Mostafa Gad - Petrobel

O-1DEVTECH4/275

HIGH DENSITY FIBER BRAGG **GRATINGS TEMPERATURE SENSORS** FOR STEAM TURBINE CONDITION MONITORING Speaker: Alessandro Signorini -

O-1DEVTECH5/272

INFIBRA Technologies

DEVELOPMENT OF A NEW MULTIPHASE FLOW METER BASED ON CONVENTIONAL (LOW-COST) OIL FIFLD INSTRUMENTS Speaker: Paolo Andreussi - TEA Sistemi

FRIDAY 31st March 11.05 - 12.45

Room A **GAS STORAGE**

O-GASSTOR1/2

INFLUENCE OF HETEROGENEITIES ON CO2 SEQUESTRATION IN POTENTIAL SALINE FORMATIONS Speaker: Abdulrahman AlQuraishi -KACST

O-GASSTOR2/26

UGS AQUIFER GAS DISSOLUTION CHARACTERIZATION THROUGH MODELLING AND IN-SITU **MEASUREMENT** Speaker: Stefano Cantini -Schlumberger

O-GASSTOR3/267

Politecnico di Torino

HARMONIC PULSE TESTING FOR GAS WELL DELIVERABILITY **ASSESSMENT** Speaker: Muhammad Shoaib -

Room B PRODUCTION EFFICIENCY

O-PRODEFF1/123

APPLICATION OF ENGINEERED WATER BASE DIF FOR OHGP COMPLETION Speaker: Luca Martini - eni

O-PRODEFF2/302

RUN LIFE EXTENSION OF ESP INSTALLED IN VERY HIGH SALINITY RESERVOIRS AND SEVERE CORROSIVE MEDIA Speaker: Hichem Brahmi -GSA Groupement Sonatrach AGIP

O-PRODEFF4/311

DUAL BOOSTING ESPS COMPLETION: DESIGN PHILOSOPHY AND EXPERIENCE GAINED IN TEMPA ROSSA Speaker: Filippo Moraglia - TOTAL

O-PRODEFF/127

SUCCESSFUL INSTALLATION OF THE FIRST DUAL ESP COMPLETION SYSTEM IN VAL D'AGRI FIELD Speaker: Giovanni Rizza - eni

Room C PREPARING THE INDUSTRY FOR THE TRANSITION (2)

O-2TRANSITION1/271

"PATHWAYS TO A LOW CARBON OIL & GAS INDUSTRY" - ABATEMENT POTENTIAL FOR OFFSHORE ASSETS Speaker: Øyvind Endresen - DNV GL

O-2TRANSITION2/193

PHOTOVOLTAIC GEN-SET HYBRID SYSTEM IN THE EGYPTIAN WESTERN DESERT Speaker: Mahmoud Elhousieny -

AGIBA

O-2TRANSITION3/196

CO2 PIPELINE TRANSPORTATION FOR O&G.

Speaker: Carlo Maria Spinelli - eni

O-2TRANSITION4/249

MODULAR PLATFORMS FOR NEAR/ OFF SHORE APPLICATIONS Speaker: Mirco Busetto - Fincantieri

Room D **DEVELOPING NEW TECHNOLOGIES (2)**

O-2DEVTECH1/273

CLEAN SEA: FROM R&D TO **BUSINESS APPLICATION** Speaker: Andrea Lainati - eni

O-2DEVTECH2/88

FIRST IMPLEMENTATION OF ROBOT TECHNOLOGY FOR THE DRILL **FLOOR**

Speaker: Lars Raunholt - eni

O-2DEVTECH3/23

SUCCESSFUL APPLICATION OF MPD WITH CBHP TECHNIQUE IN TEMSAH FIELD - A CASE HISTORY Speaker: Abdallah Farahat - Agiba

O-2DEVTECH4/198

A STUDY OF WATER JET **TECHNIQUES IN RADIAL JET** DRILLING: ESTABLISHING EFFICACIOUS COMMUNICATION BETWEEN WELLBORE AND **RESERVOIR**

Speaker: Arash Asgharzadeh -Clausthal University of Technology

O-2DEVTECH/299

OFFSHORE METEO-MARINE MONITORING SYSTEMS Speaker: Fabio Launaro - Seatech

WEDNESDAY 29th March - 14.30

Growing Challenges in Exploration

P-EXPLOR/136

APPLICATION OF SEISMIC INVERSION FOR SUCCESSFUL HYDROCARBON EXPLORATION IN THE NILE DELTA, EGYPT: NOROOS FIELD A CASE STUDY

Speaker: Amr Talaat - Petrobel

P-EXPLOR/138

OPTIMIZED DEEP AZIMUTHAL RESISTIVITY GEOSTEERING WORKFLOW PROVED SUCCESSFUL IN LOW-RESISTIVITY-CONTRAST SANDSTONE STRINGERS IN SAUDI ARABIA Speaker: James Wilkins - Weatherford

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

Speaker: Mohamed Adel - Belayim Petroleum Company (Petrobel)

P-EXPLOR/269

REVIVING VINTAGE SCANNED SEISMIC DATA: FROM PAPER TO DIGITAL MIGRATED POST-STACK DATA Speaker: Tommaso Altieri - Università della Basilicata

P-EXPLOR/32

A CONTRIBUTION TO SEISMIC CHALLENGES IN DEVELOPING THE PLIOCENE CLASTIC RESERVOIRS. OFFSHORE NILE DELTA, EGYPT. Speaker: Amr Shalaby - Petrobel

P-EXPLOR/75

SEQUENCE STRATIGRAPHY FRAMEWORK OF LATE MIOCENE ABU-MADI AND QAWASIM FMS., CENTRAL NILE DELTA AREA, EGYPT.

Speaker: El-Khadrawy Ahmed - Belayim Petroleum Company

A-DATA1/121

INTEGRATION OF DIRECTIONAL SURVEY UNCERTAINTY IN STRUCTURAL MODELLING: FROM GEOSTEERING **ACTIVITIES TO GEOLOGICAL INTERPRETATION** Speaker: Giovanni Gangemi - eni

P-WELL/227

MODELING OF THE FEEDBACK BETWEEN GLACIATION EFFECTS AND GEOCHEMICAL AND MECHANICAL COMPACTION ON SEDIMENTARY BASIN EVOLUTION Speaker: Paolo Zunino - Politecnico Milano

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

Speaker: Chiara Amadori - University of Pavia

WFDNFSDAY 29th March - 16.20

Developing New Technologies

A-1DEVTECH1/96

GAINING LEADERSHIP IN OPERATIONAL SAFETY THROUGH TECHNOLOGY AND INNOVATION: DEVELOPMENT OF A DUAL ROV ASSISTED WELL KILLING SYSTEM TO IMPROVE INTERVENTION CAPABILITIES IN DEEPWATER OPERATIONS Speaker: Giuseppe De Grandis - eni

A-1DEVTECH2/77

KNOWLEDGE MANAGEMENT IN ENI: WORKFLOW AND CASE HISTORIES IN NORTHERN ITALIAN DISTRICT (DICS) Speaker: Stefano Mazzoni - Eni

A-2DEVTECH1/216

UAV THE IMPACT & INFLUENCE IN THE O&G Speaker: Salvatore Marco Mercuri - eni

P-DEVTECH/132

TAKE ON CHALLENGES IN DEEP-WATER PRODUCTION OPTIMIZATION: A REAL SUCCESSFUL APPLICATION OF AN INNOVATIVE INTEGRATED MODELING TOOL

Speaker: Samuele Brioschi - eni

P-DEVTECH/159

THE PRINCIPLES OF THE DIGITALIZATION IN THE OIL & GAS SECTOR ACCORDING TO THE INDUSTRIE 4.0 CONCEPTS Speaker: Guilhem Jean-Charles - PCIC Europe

P-DEVTECH/176

MAXIMIZING USAGE OF EXISTING INFRASTRUCTURE THROUGH EXPANDED SUBSEA BOOSTING TECHNOLOGIES Speaker: Christian Abelsson - Aker Solutions

P-DEVTECH/183

REVISITING THE HAMMERSCHMIDT EQUATION: EFFECT OF OPERATING CONDITIONS ON THE SELECTION OF THE HAMMERSCHMIDT CONSTANT

Speaker: Alberto Giulio Di Lullo - eni

P-DEVTECH/197

INSTRUMENTED POLY-PIGS FOR LOW-RISK AND LOW-COST PIPELINE INTERNAL INSPECTION: FIELD EXPERIENCES Speaker: Alberto Giulio Di Lullo - eni

A-DATA2/35

MONITORING AND DIAGNOSTIC OF LARGE FLEETS OF **ROTATING MACHINES**

Speaker: Diego Pareschi - ABB

THURSDAY 30th March - 09.00

More Efficient Exploitation of Existing Resources

A-PRODOPT1/100

INNOVATION TECHNIQUE AND SUCCESSFUL SCALE REMOVAL JOB WITH COILED TUBING IN BELAYIM OIL FIELD, EGYPT: A CASE HISTORY

Speaker: Mohamed Anwar - Petrobel

A-PRODOPT2/279

WATER INJECTION STRATEGY IN BELAYIM FIELDS Speaker: Taha Radwan - Petrobel

P-PRODOPT/163

CFD MULTIPHASE SIMULATION: A NEW APPLICATION ON A REAL DEBOTTLENECKING (DBN) PROJECT

Speaker: Luca Cadei - eni

DIGITAL POSTERS

A-EOR1/246

APPLICATION OF THERMALLY ACTIVATED POLYMERS IN A MATURE OIL FIELD: CANDIDATES SELECTION, FIELD IMPLEMENTATION AND PRELIMINARY RESULTS

Speaker: Ivan Maffeis - eni

A-EOR2/305

ENHANCING OIL RECOVERY WITH NANOEMULSION FLOODING

Speaker: Elena Braccalenti - eni

P-EOR/205

BELAYIM LAND - POLYMER INJECTION PILOT PROJECT

Speaker: Massimo Lazzarotti - eni

P-RESCHAR/288

3D VORONOI PRE- AND POST- PROCESSING TOOLS FOR USING THE TOUGH2 FAMILY OF NUMERICAL SIMULATOR FOR HYDROCARBON GAS MIGRATION

Speaker: Stefano Bonduà - 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**

Speaker: Michele Marotta - eni

P-EXPLOIT/128

GRAVEL PACK COMPLETIONS SUCCESSFUL HISTORY IN MEDITERRANEAN SEA GAS FIELDS, EGYPT

Speaker: Walid Gabr - Petrobel

P-EXPLOIT/313

TECNIMONT ACTIVITIES IN TEMPA ROSSA PROJECT

Speaker: Taher Sheikh Zeineddin - TOTAL

THURSDAY 30th March - 11.00

Gas Valorisation

A-2GAS/303

GAS TO WIRE: ON-SITE POWER GENERATION BY PRODUCED GAS

Speaker: Maria Andrei - eni

A-GASSTOR/266

A NUMERICAL MODELING APPROACH TO INVESTIGATE THE SAFETY ASPECTS OF THE GAS STORAGE IN A DEEP **GEOLOGICAL RESERVOIR**

Speaker: Francesca Colucci - RSE – Ricerca sul Sistema Energetico

P-GAS/20

HYDRATE DEPOSIT IN PRODUCING GAS WELLS. Speaker: Rafik Bouchareb - Sonatrach

P-GAS/218

SYNTHESIS AND INHIBITION PERFORMANCE OF DIQUATERNARY AMMONIUM GEMINI SURFACTANTS ON CARBON STEEL PIPELINES CORROSION IN GAS FIELD Speaker: Bassam Mohamed Hussien Sherait - Egyption Natural Gas Holding Company (Egas)

P-GAS/314

SOCIO-ECONOMIC IMPACT ASSESSMENT AND STAKEHOLDER PERSPECTIVES IN A LNG TERMINAL CASE STUDY IN TUSCANY, ITALY

Speaker: Marco Rametta - ARCADIS

P-GAS/36

EVALUATION OF GAS LEAK FLOW THROUGH ACOUSTIC EMISSION TEST IN PETROCHEMICAL PIPINGS

Speaker: Alberto Monici - ETS Sistemi

P-GAS/85

HIGHER OFF SHORE POWER RELIABILITY AND PERFORMANCE WITH LESS SPACE REQUIREMENT Speaker: Gilles Stefanelli - Leroy Somer

P-GAS/86

CORROSION MITIGATION OF X-60 TYPE CARBON STEEL IN PETROLEUM FORMATION WATER UNDER HIGH PRESSURE OF CO2

Speaker: Bassam Mohamed Hussien Sherait - Egyption Natural Gas Holding Company (Egas)

THURSDAY 30th March - 14.30

More Efficient Exploitation of Existing Resources

P-PRODEFF/6

QUALIFICATION AND IMPLEMENTATION OF A SUBSEA WET GAS COMPRESSOR SOLUTION

Speaker: Fredrik Wadel-Andersen - OneSubsea a Schlumberger Company

A-PRODEFF1/124

NEW DIF APPROACH FOR LOGISTIC COST REDUCTION OPTIMIZING WELL PERFORMANCES IN OH COMPLETION. Speaker: Luca Martini - eni

A-FIELDDEV1/256

LESSONS LEARNT FROM WELL TESTING OF ZOHR GIANT CARBONATE GAS FIELD EGYPT'S OFFSHORE MEDITERRANEAN.

Speaker: Ahmed Serry - Belayim Petroleum

A-FIELDDEV2/157

BELAYIM E INTEGRATED PROGRAM Speaker: Alberto Boccardi - Petrobel

A-PROD1/153

AN EULERIAN-EULERIAN APPROACH FOR SEPARATOR **DESIGN AND TROUBLE-SHOOTING**

Speaker: Nicolò Scapin - eni

A-PROD2/106

TANK BATTERY 6-2 PRODUCTION OPTIMIZATION USING APPLICATION OF LEAN SIX-SIGMA METHODOLOGY IN **BELAYIM FIELD (CASE STUDY)**

Speaker: Mahmoud Abdelrahman - Petrobel

A-2TRANSITION/141

3D-RES (3DIMENSIONAL REAL RESERVOIR): THE NEW TECHNICAL, CLEAR AND INTUITIVE TOOL FOR PUBLIC-AWARENESS AND PUBLIC-ACCEPTANCE IN UNDERGROUND EXPLOITATION PROJECTS

Speaker: Francesca Napoli - Universita' Sapienza - Roma

P-TRANSITION/297

PROCEDURE FOR FORECAST ATMOSPHERIC DISPERSION MODELING AFTER BLOW DOWN EVENTS

Speaker: Ivan Toto - Proger

P-DEVTECH/64

C.O.R.A. TOOL - THE GLOBAL APPROACH AND RISKED ANALYSIS OF OPEX BUDGETING Speaker: Roberto Carriero - eni

THURSDAY 30th March - 16.30

Offshore and Deepwater Technologies

P-OFFSHORE/172

SURFACE RESIDUAL STRESSES MEASUREMENT AND NUMERICAL PREDICTION FOR OFFSHORE STEEL CATENARY **RISERS GIRTH WELDS**

Speaker: Giorgio Stefano - Saipem

P-OFFSHORE/18

SUBSEA INSPECTION OF VIBRATION AND ACOUSTIC NOISE Speaker: Kjetil Nysater - ClampOn

P-OFFSHORE/65

EXPERIMENTAL INVESTIGATION AND FIELD STUDY OF NEUTRAL WETTABILITY PROPPANT FOR FRAC PACK **APPLICATIONS**

Speaker: Naima Spurr - Baker Hughes

A-OFFTECH1/53

VIBROACOUSTIC TECHNOLOGY FOR OFFSHORE PIPELINE LEAK DETECTION

Speaker: Giuseppe Giunta - eni

A-1HSE1/179

OFFSHORE SAFETY CASE IMPLEMENTATION IN MEDITERRANEAN SEA

Speaker: Daniele Strippoli - ERM Italia

A-1HSE2/260

RISK ASSESSMENT IN OFFSHORE PLANT DESIGN: THE ADVANTAGES OF A CFD APPROACH Speaker: Edoardo Dellarole - TEA Sistemi

A-2HSE1/41

DYNAMIC HSE SYSTEMS TO ENHANCE HSE VALUES

Speaker: Lamia Gherbi - eni

A-2HSE2/291

EMERGENCY RESPONSE PLAN - A CASE STUDY DURING THE APPLICATION OF THE OFFSHORE EUROPEAN DIRECTIVE Speaker: Cesare Di Michele - Proger

P-HSE/74

LEADERSHIP IN HEALTH & SAFETY - DRIVING CULTURAL CHANGE IN AN OFFSHORE FLEET Speaker: Davide Scotti - SAIPEM

P-PRODEFF/170

EROSION EVALUATION ON OFFSHORE PRODUCTION FACILITY BY DIFFERENT CFD APPROACHES: LANGRANGIAN/EULERIAN AND EULERIAN/EULERIAN Speaker: Luca Cadei - eni

FRIDAY 31st March - 09.00

Preparing the Industry for the Transition

A-1TRANSITION/214

MONITORING AND REDUCTION OF CO2 EMISSIONS FOR **OIL&GAS LOGISTICS**

Speaker: Daniele Carpi - 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 WEAKENESS: CONSEQUENCES ON GAS STORAGE INCLUDING CO2 STORAGE FOR CCS Speaker: Fedora Quattrocchi - INGV

A-NEWOPP/270

RENEWABLE POWER GENERATION IN A TRADITIONAL HYDROCARBON ASSET: THE VALUE OF A SYNERGY Speaker: Donato Azzarone - eni

FRIDAY 31st March - 09.30

Well Construction and Management

A-FLUIDS1/151

IMPROVED FLUID CHARACTERISTICS WITH CLEAR CALCIUM CHLORIDE BRINE DRILLING

Speaker: Michael Redburn - Newpark Drilling Fluids

A-FLUIDS2/40

NEW ACHIEVEMENTS CONCERNING TEMPERATURE EFFECTS ON MUD RHEOLOGY AND HYDRAULIC PERFORMANCE WHILE DRILLING

Speaker: Raffaele Romagnoli - Politecnico di Torino

P-WELL/149

MULTI-RISK APPROACH TO THE EVALUATION OF NATECH **EVENTS**

Speaker: Anna Basco - AMRA

P-WELL/228

CHANGING THE PROCESS DESIGN PARADIGM Speaker: Joseph McMullen - Schneider Electric Software

P-WELL/230

RETAINING AND TRANSFERRING KNOWLEDGE: MANAGING CONTINUITY DURING AN ERA OF COST-**CUTTING AND CREW CHANGE** Speaker: Michael Kelleher - DNV GL

P-WELL/231

MULTISTAGE HORIZONTAL HYDRAULIC FRACTURE OPTIMIZATION THROUGH AN INTEGRATED DESIGN AND WORKFLOW IN APOLLONIA TIGHT CHALK, EGYPT: FROM THE LABORATORY TO THE FIELD

Speaker: Mohamed Salah - Khalda Petroleum Comapny

P-WELL/301

WELL-SITE CHEMOSTRATIGRAPHY ON CARBONATE SUCCESSIONS

Speaker: Alessandro Pozzi - Geolog

P-WELL/308

TEMPA ROSSA PROJECT - CONSTRUCTION ACTIVITIES Speaker: Hedi Dendani - TOTAL

P-WELL/68

SOBOL SEQUENCE, A NOVEL EXPERIMENTAL DESIGN TECHNIQUE FOR IMPROVED UNCERTAINTY QUANTIFICATION OF PETROLEUM RESERVOIRS

Speaker: Mohamed Shams - Amapetco

A-DRILLOPT2/154

EXTENDING THE SCOPE OF REAL-TIME DRILLING & WELL CONTROL SIMULATORS

Speaker: Roger Aragall - Clausthal University of Technology

A-COMP&STIM2/145

FEASIBILITY STUDY OF WELL COMPLETION METHOD FOR AN IRANIAN OFFSHORE WELL USING CBHP Speaker: Poorya Saadati - Petroservices PSPK

A-NEWTECH2/34

SECURING HIGH RISK WELLS USING TUBING-INSERTABLE VALVE/PACKER SYSTEMS

Speaker: Efosa Aibangbee - Weatherford

FRIDAY 31st March - 11.40

Offshore and Deepwater Technologies

A-SUBSEA1/19

UNIQUE TECHNOLOGY FOR 3D INTEGRITY MONITORING OF SUBSEA PIPES

Speaker: Kjetil Nysater - ClampOn

DIGITAL POSTERS

PANEL DISCUSSIONS

A-SUBSEA2/55

APPROACH TO OPERATIONS READINESS FOR FLOATING PRODUCTION UNITS – SCENARIO AND PERSPECTIVES FOR THE NEXT YEARS

Speaker: Domenico Bonazzi - eni

A-FLOW1/306

WHAT'S WRONG WITH DRAS SUBSEA/DEEPWATER APPLICATIONS?

Speaker: Stefano Pinneri - eni

A-FLOW2/208

NIDOCO NW FIELD PRODUCTION SYSTEM ENHANCEMENT OPPORTUNITIES BY OPTIMIZING AND RE-EVALUATION THE FLOW ASSURANCE CRITICALITIES

Speaker: Mohamed Salah - Petrobel

A-DECOMM1/236

SYSTEM INTEGRATION -: AN OPPORTUNITY ALSO FOR THE MFD SFA?

Speaker: Fabio Lo Brutto - DNV GL

A-DECOMM2/181

QUANTITATIVE RISK-BASED METHODOLOGY FOR PIPELINE INTEGRITY MANAGMENT

Speaker: Edoardo Dellarole - TEA Sistemi

A-DEEPWATER1/247

RE-SHAPING HE SUBSEA INDUSTRY Speaker: Anders Husby - DNV GL

A-DEEPWATER2/173

CWC NOVEL BENDING METHODOLOGY Speaker: Adam Kopystynksi - SHAWCOR

WEDNESDAY 29TH MARCH 2017 - 16.30

The Resilient oil & gas industry: staying competitive at low oil prices.

It will be the opportunity to discuss how the O&G industry, with its distinctive technological capabilities and passion for innovation, will reshape the activities to sustain production in a period of declining prices.

THURSDAY 30TH MARCH 2017 - 9.00

The Mediterranean: a New Gas Hub for Europe. The potential of the Mediterranean Basin is seen

as the driver of the cooperation in the Region. Recently signed memoranda of understanding between the stakeholders of the region are proof of the strategic role the Mediterranean will have as major supplier to Europe in the near future.

FRIDAY 31ST MARCH 2017 - 9.00

Low Carbon Economy and the O&G Industry.

Oil companies and contractors will outline technology solutions and measures that could ensure a greener use of energy.



FRIDAY 31st MARCH - 9.00

Advanced Safety Techniques in Offshore Operations

Course Content:

A course on advanced methods for safety and risk monitoring in offshore activities (construction, drilling and production) organized by the University of Bologna, in cooperation with foreign partner universities and oil & gas companies operating in Italy.

Risk identification tools, methods for quantitative risk evaluation, analysis and application to new technologies are some of the issues addressed by the course which is open to delegates and exhibitors (max 40 participants - pre registration is recommended).

Costs: free for OMC delegates; registration fee for other participants.

VENUE OMC 2017 WILL BE HELD AT PALA DE ANDRÈ VIALE EUROPA 1, RAVENNA - ITALY





each OMC edition was a record-breaking one, Libya, Malaysia, Norway, Qatar, Rep. of San and the last event in March 2015 has been the Marino, Romania, Russian Federation, Spain, biggest and best ever held. Sweden, Switzerland, Taiwan, The Netherlands, Turkey, U.S.A., United Kingdom.

With trend-bucking increases in both visitors and ehxibitors numbers - 688 companies from 33 countries - OMC also welcomed more than 18,900 visitors from 69 countries worldwide.

OMC exhibiting companies come from Europe, Northern Africa, Middle East, Asia and America: represented countries include Algeria, Austria, Brazil, Canada, China, Croatia, Denmark, Egypt, Finland, France, Germany, Hong Kong, Italy,

They cover almost all the sectors and activities related to the oil & gas industry, offshore and onshore: E&P, geosciences, drilling, well systems /equipment, safety, transportation, and many more.

A complete list of exhibitors and their products is regularly updated on www.omc2017.it in the Exhibition section.



PROVISIONAL PROGRAM / OMC 2017



OMC attendees are invited to discover the City of Ravenna and enjoy local cuisine thanks to a wide ranging social programme.





GOLF TOURNAMENT

28th MARCH - ADRIATIC GOLF CLUB Cervia - Milano Marittima

Reserved to OMC Delegates and Exhibitors. The competition is 18 Holes Louisiana 4 players. Texas scramble formula. Enroll at www.omc2017.it



WELCOME COCKTAIL

28th MARCH

A relaxing evening before the official opening.

Ravenna Chamber of Commerce welcome all participants for a toast and a taste of local specialties.



GALA **DINNER**

29th MARCH - PALA DE ANDRÉ

OMC Gala Dinner offers a unique networking opportunity by invitation only.



GALA CONCERT

30th MARCH - SANT'APOLLINARE IN CLASSE

The traditional OMC Gala Concert is held in the wonderful setting of the Basilica of Sant'Apollinare in Classe, which is an outstanding example of Byzantine architecture, inscribed by UNESCO on the World Heritage list.

EXHIBITORS LIST*

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REGISTRATION

GENERAL INFO

VENUE

OMC 2017 is held at Pala de Andrè, Viale Europa 1, 48122 Ravenna - Italy.

Pala De André is on the eastern outskirts of the city, a 5 minute drive from the centre.

OMC working language is English.

The Exhibition and Conference venue is signposted and can be easily reached by car and by local buses. Signage and volunteer staff will direct you to the free car parks available in the area, from which shuttle buses will take you to OMC entrance gate.

Visiting the exhibition pavilions is free of charge for interested professionals. Under 18 are not admitted.

Register online using the visitors form to receive your free entrance badge and avoid queuing at the onsite registration.

EXHIBITION OPENING HOURS

- WEDNESDAY 29TH MARCH from **9.00** to **18.00**
- THURSDAY 30TH MARCH from **9.00** to **18.00**
- FRIDAY 31ST MARCH from 9.00 to 15.00

CONFERENCE PARTICIPATION IMPLIES REGISTRATION FEES

All conference attendees, delegates and speakers, must pay the registration fees before the event starts.

Advanced registration is strongly recommended to take advantage of discounted fees granted until 15th February 2017.

REGISTER NOW at www.omc2017.it

University Students (undergraduate and postgraduate) are granted free access to the Conference Sessions.

Complimentary press accreditation is available to members of the working press if an accreditation letter or copy of press membership card is provided. Please avoid applying if the above criteria cannot be satisfied.

BADGE COLLECTION AND ON-SITE REGISTRATIONS

- TUESDAY 28TH MARCH from 14.00 to 18.00
- WEDNESDAY 29TH MARCH from 8.00 to 17.30
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3 day technical programme, delegate kit including proceedings, 3 Lunches, Gala Dinner and Social Events for 1 person, Coffee Breaks.

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One Day Registration 1 Day Technical Programme, 1 Lunch, Delegate Kit including Proceedings.

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SUBSTITUTION AND CANCELLATION POLICY:

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