Focus on Change: Planning the Next 20 Years

Diversifying choices, increasing opportunities

25-27 March 2015
RAVENNA, ITALY

OMC 2015
OFFSHORE MEDITERRANEAN CONFERENCE & EXHIBITION

FINAL CONFERENCE PROGRAMME
I am particularly pleased to welcome delegates, exhibitors and visitors attending the 12th Offshore Mediterranean Conference and Exhibition here in Ravenna.

A combination of geopolitical turmoil in some of the main producing regions and the growth of US shale production have kept hydrocarbon markets balance over the last few years. The more recent Russia-Ukraine crisis, the growing instability in some North African countries, and the potential impact on exports to Europe, have increasingly made security of supply and diversification of energy sources an imperative. Finally, the dramatic fall in oil prices has consistently reduced investments. On the other hand the need to meet forecast demand growth, while offsetting the growing decline of many mature developed fields, implies even more conspicuous investments in exploration, development and technology.

In this scenario the topic of the Opening Session “Focus on Change: Planning the next 20 years. Diversifying Choices, Increasing Opportunities” will certainly trigger off an interesting debate, examining energy scenarios that are very likely to emerge over the coming decades.

Among the Technical Sessions, a dedicated slot has been reserved to EOR. The increase of recovery factor plays a fundamental role in the Industry, and OMC 2015 is pleased to host a panel of distinguished speakers on Enhanced Oil Recovery methods development, deployment, piloting and full-field application.

The Mediterranean region has become the center of attention thanks to the ongoing successful exploration programmes and the issue of hot debates over the sustainability of the activities. A Special Session “Offshore Regulations and Technologies: Five Years after Macondo” will make the point focusing on the regulatory initiatives, in line with EU Directive, implemented in the countries hosting these activities and the preparedness of the operators and the available new technologies involved in the environmental protection, blowout containment and prevention.

The Offshore Mediterranean Conference has always given special care to students, and this 12th edition offers them a dedicated area within the event, where E&P and Service companies will illustrate activities in the energy sector as well as career opportunities. In addition to that, students are requested to play a more active role in a “5 minute-speech contest” where 22 selected students have the opportunity to present their research papers.

The exhibition this year hosts a total of 680 exhibiting companies, a 20% increase over the previous edition, coming from 23 countries. The show is much larger and offers a wider range of products and services on display. We wish all participants an excellent 3 days of good business!
The focus of OMC 2015 is on planning the next 20 years. Thinking forward to the next 20 years when everything evolves so rapidly is certainly a challenging issue. A few months ago we were celebrating the rapid growth of shale oil in the USA and today we are wondering if shale oil will survive at the current low price of the barrel. Oil and gas consumption forecasts are frequently updated following the global trend of economies; recent important discoveries are able to create new opportunities and to change local equilibria, conflicts can drastically reduce oil and gas production in other areas. Too many interrelated factors are concurring to determine global and local situations that are evolving continuously. Oil Companies have to rapidly react to all these changes and try to anticipate forthcoming situations. In this turbulent and sometimes unpredictable context, technology remains the key tool to be ready to future challenges. Without new, excellent and suitable technologies, nobody will be able to survive in this increasingly competitive and turbulent arena. Technology development, however, needs continuity in its evolution, years of high level and well planned activity are needed to achieve important results. By its nature, research cannot immediately react to new challenges, technologies must be prepared and tested in advance.

The technical program of OMC 2015 has been conceived keeping in mind this key aspect: technology improvement must be constant and continuous and it must actively support the future sustainability of this business. In order to progress faster, it needs field applications. So the technical program of OMC 2015 is a successful sequence of interesting case histories as well as papers discussing more theoretical aspects. I would like to underline that this year we have a sharp increase in the number of papers coming from the Academia: a great sign indeed!

Oil and gas consumption forecasts are frequently updated following the global trend of economies; recent important discoveries are able to create new opportunities and to change local equilibria, conflicts can drastically reduce oil and gas production in other areas. Too many interrelated factors are concurring to determine global and local situations that are evolving continuously. Oil Companies have to rapidly react to all these changes and try to anticipate forthcoming situations. In this turbulent and sometimes unpredictable context, technology remains the key tool to be ready to future challenges. Without new, excellent and suitable technologies, nobody will be able to survive in this increasingly competitive and turbulent arena.

A key issue for the next 20-year activity will be the availability of highly qualified young professionals, whose employment will be fundamental for oil & gas development. For this reason, a significant part of the technical program of OMC 2015 is dedicated to young talents, involving, among other initiatives, a 5 minute contest, during which 22 master and PhD students will present the results of their researches in a limited amount of time: a real challenge.

To conclude, I would like to underline that for this edition of OMC we received the highest number of abstracts ever (precisely 284) and most of them represent high quality contributions. It is the fourth time I have the pleasure to be Program Committee Chairman at OMC and I have to say that this year both quantity and quality of submitted papers were the best ever: we are getting ready for the next 20 years!
**WEDNESDAY 25th MARCH 2015**

### OPENING SESSION

**INAUGURATION OF THE EXHIBITION**

**10,00**

**OPENING CEREMONY - WELCOME ADDRESSES**

**INNOCENZO TITONE**, Chairman OMC 2015  
**FABRIZIO MATTEUCCI**, Mayor of Ravenna  
**NATALINO GIGANTE**, Chairman Ravenna Chamber of Commerce

**10,30**

**OPENING PLENARY SESSION**

“Focus on Change: Planning the Next 20 Years. Diversifying Choices, Increasing Opportunities”

**CHAIRIED BY CLAUDIO DESCALZI, CEO eni, Italy**

**SIMONA VICARI**  
First Undersecretary, Ministry for Economic Development

**SHERIF ISMAIL**  
Minister of Petroleum and Mineral Resources, Egypt

**YOUCEF YOUSFY**  
Minister of Energy and Natural Resources, Algeria

**YIORGOS LAKKOTRYPIS**  
Minister of Energy, Commerce, Industry and Tourism, Cyprus

**BRUNO LESCOEUR**  
CEO Edison, Italy

**AHMED EL DEMERDASH**  
Vice President Business Development, Europe, Sub-Saharan Africa, Halliburton

**AARON GATT FLORIDIA**  
President Reservoir, Schlumberger

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**PROGRAMME COMMITTEE**

*Chairman: MARIO A. CHIARAMONTE, Italy*

<table>
<thead>
<tr>
<th>Company</th>
<th>Name</th>
<th>Country</th>
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<td>Aker Solutions</td>
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## Technical Programme

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<tr>
<th>Time</th>
<th>Session/Workshop</th>
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<tbody>
<tr>
<td>14:30</td>
<td>Digital Posters</td>
<td>Hall 3</td>
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<tr>
<td>14:30</td>
<td>Seisimics and Exploration</td>
<td>Room A</td>
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<tr>
<td>14:30</td>
<td>Offshore and Deepwater 1</td>
<td>Room B</td>
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<td>14:30</td>
<td>Reservoir Characterisation 1</td>
<td>Room C</td>
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<tr>
<td>14:30</td>
<td>Well Construction and Management 1</td>
<td>Room D</td>
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<tr>
<td>16:30</td>
<td>Offshore and Deepwater 2</td>
<td>Sala Verde</td>
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<tr>
<td>16:30</td>
<td>Production Optimisation 1</td>
<td>Room B</td>
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<tr>
<td>16:30</td>
<td>Well Construction and Management 2</td>
<td>Room D</td>
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<tr>
<td>9:00</td>
<td>Offshore and Deepwater 3</td>
<td>Room B</td>
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<tr>
<td>9:00</td>
<td>Digital Posters</td>
<td>Hall 3</td>
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<tr>
<td>11:00</td>
<td>EOR Technologies</td>
<td>Room A</td>
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<td>11:00</td>
<td>Offshore and Deepwater 4</td>
<td>Room B</td>
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<tr>
<td>11:00</td>
<td>Sustainability and Environment</td>
<td>Room C</td>
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<tr>
<td>11:00</td>
<td>Opportunities in Exploration</td>
<td>Room D</td>
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<tr>
<td>14:30</td>
<td>Digital Posters</td>
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<td>Well Construction and Management 3</td>
<td>Room A</td>
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<td>Subsea Production</td>
<td>Room B</td>
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<td>14:30</td>
<td>Reservoir Monitoring and Simulation</td>
<td>Room C</td>
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<td>14:30</td>
<td>Deep and UltraDeep 1</td>
<td>Room D</td>
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<td>14:30</td>
<td>Sustainability</td>
<td>Sala Verde</td>
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<tr>
<td>16:30</td>
<td>Drilling: New Technologies 2</td>
<td>Room A</td>
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<tr>
<td>16:30</td>
<td>Strategies for Offshore Developments</td>
<td>Room B</td>
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<tr>
<td>16:30</td>
<td>Reservoir Characterisation 2</td>
<td>Room C</td>
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<tr>
<td>16:30</td>
<td>Offshore Regulations: a warm up for Friday Special Session</td>
<td>Sala Verde</td>
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## Special Session, Workshops, Side Events

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Venue</th>
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<tbody>
<tr>
<td>9:30</td>
<td>Inauguration and Opening Ceremony</td>
<td>Room A</td>
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<tr>
<td>9:30</td>
<td>Business to Business meetings by Eurosportello</td>
<td>Arena</td>
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<tr>
<td>10:30</td>
<td>Opening Plenary Session Focus on Change: Planning the next 20 Years, Diversifying choices, increasing opportunities</td>
<td>Room A</td>
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<tr>
<td>11:00</td>
<td>HONEYWELL - Company Presentation</td>
<td>Presentation Gallery</td>
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<tr>
<td>14:30</td>
<td>CORTEM Group - Company Presentation</td>
<td>Presentation Gallery</td>
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<tr>
<td>16:30</td>
<td>ENERPAC - Company Presentation</td>
<td>Presentation Gallery</td>
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<tr>
<td>16:30</td>
<td>Lectures by MIT &amp; Imperial College</td>
<td>Arena</td>
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<td>16:30</td>
<td>Assomineraria Workshop</td>
<td>Room A</td>
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<td>9:00</td>
<td>Enhanced Oil Recovery: Field Cases and faster Way to Implementation</td>
<td>Room A</td>
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<tr>
<td>9:00</td>
<td>Advanced Proven Technologies Increase Productivity Quality, Safety and Security - Workshop by ISA</td>
<td>Presentation Gallery</td>
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<td>11:00</td>
<td>Youth Programme: Company Presentations</td>
<td>Arena</td>
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<td>14:00</td>
<td>Youth Programme: 5 minute speech contest</td>
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<td>FRIDLE Company Presentation</td>
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<td>16:00</td>
<td>Youth Programme: Company Presentations</td>
<td>Arena</td>
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<tr>
<td>16:30</td>
<td>Subsea Construction Vessels</td>
<td>Room D</td>
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<tr>
<td>16:30</td>
<td>Workshop by Rosetti Marino</td>
<td>Sala Verde</td>
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## Social Events

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Venue</th>
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<tbody>
<tr>
<td>9:00</td>
<td>Golf Tournament at Adriatic Golf Club</td>
<td>Cervia</td>
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<tr>
<td>19:00</td>
<td>Welcome Cocktail - Guests of Ravenna</td>
<td>Pala de André</td>
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<tr>
<td>13:00</td>
<td>Working Luncheon</td>
<td>Sponsored by Proger</td>
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<tr>
<td>15:00</td>
<td>Welcome to Ravenna Tour, Compliments of OMC organisers</td>
<td>City Centre</td>
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<tr>
<td>21:00</td>
<td>Gala Dinner - Guests of eni</td>
<td>Pala de André</td>
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<tr>
<td>9:00</td>
<td>Water in, around, under Ravenna Tour</td>
<td>City Centre</td>
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<tr>
<td>10:40</td>
<td>Coffee Break</td>
<td>Sponsored by Aquatic Subsea</td>
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<tr>
<td>13:00</td>
<td>Working Luncheon</td>
<td>by OMC Organisers</td>
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<tr>
<td>15:00</td>
<td>Waiting for Dante 2021 Tour</td>
<td>Sponsored by OMC Organisers</td>
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<tr>
<td>16:10</td>
<td>Coffee Break</td>
<td>Sponsored by Aquatic Subsea</td>
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<tr>
<td>19:00</td>
<td>Discover Ravenna by Night “Bella di Sera”</td>
<td>City Centre</td>
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<tr>
<td>9:00</td>
<td>Ravenna and its symbols Tour</td>
<td>City Centre</td>
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<tr>
<td>10:40</td>
<td>Coffee Break</td>
<td>Sponsored by Aquatic Subsea</td>
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<tr>
<td>13:00</td>
<td>Best Papers &amp; Exhibition Awards Luncheon</td>
<td>Sponsored by Adriatic LNG</td>
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**GENERAL PROGRAMME**

**TUESDAY 24th MARCH**

9.00  
21st OMC Golf Tournament at the Adriatic Golf Club of Cervia, Milano Marittima - Sponsored by ROCA

19.00  
Welcome Cocktail - Sponsored by Ravenna Chamber of Commerce

**WEDNESDAY 25th MARCH**

9.30  
Inauguration of the Exhibition

10.00  
Opening Ceremony - Welcome Addresses

10.30  
Opening Plenary Session: Focus on Change: Planning the next 20 Years. Diversifying choices, increasing opportunities

13.00  
Working Luncheon - Sponsored by Proger

14.30  
Digital Posters, Hall 3

14.30 - 16.10  
Technical Sessions:
- Well Construction and Management 1
- Offshore and Deepwater 1
- Reservoir Characterisation 1
- Seismics and Exploration
- Flow Assurance

16.30 - 18.00  
Well Construction and Management 2
- Offshore and Deepwater 2
- Production Optimisation 1
- Environmental Protection in Offshore Operations

18.00  
Exhibition area closes

21.00  
Gala Dinner - eni is partner of the event

**THURSDAY 26th MARCH**

9.00  
Exhibition Opening

9.00  
Digital Posters, Hall 3

9.00 - 10.40  
Technical Sessions
- Offshore and Deepwater 3
- Technical and Non Technical Risk Assessment
- Drilling: New Technologies 1
- Safety and Environmental Protection in Offshore Operations

9.00 - 10.40  
Enhanced Oil Recovery: Field Cases and Faster Way to Implementation

9.00 - 12.40  
Advanced Proven Technologies Increase Productivity, Quality, Safety and Security - Workshop by ISA

11.00 - 18.00  
Youth programme: Company presentations + Student 5 minute contest

10.45 - 11.00  
Coffee Break - Sponsored by Aquatic Subsea

11.00 - 12.40  
Technical Sessions
- EOR Technologies
- Offshore and Deepwater 4
- Sustainability and Environment Opportunities in Exploration
- Energy Efficiency

13.00 - 14.30  
Working Luncheon - Guests of OMC Organizers

14.30  
Digital Posters, Hall 3

14.30 - 16.10  
Technical Sessions
- Well Construction and Management 3
- Subsea Production
- Reservoir Monitoring and Simulation
- Deep and Ultradeep 1
- Sustainability

16.10 - 18.00  
Subsea Construction Vessels - Workshop by Rosetti Marino

16.30 - 18.10  
Technical Sessions
- Drilling: New Technologies 2
- Strategies for Offshore Developments
- Reservoir Characterisation 2
- Offshore Regulations - A warm up for Friday Special Session

18.00  
Exhibition area closes

**FRIDAY 27th MARCH**

9.00  
Exhibition Opening

9.00 - 13.00  
Special Session: Offshore Regulations and Technologies: Five years after Macondo

9.00 - 10.40  
Technical Sessions
- Unconventional Resources
- Production Optimisation 2
- Geohazards

10.45 - 11.00  
Coffee Break - Sponsored by Aquatic Subsea

11.00 - 12.40  
Technical Sessions
- Facilities and their Life Cycle Assessment
- Production Optimisation 3
- Gas to Market

13.00  
Award Luncheon - Sponsored by Adriatic LNG

15.00  
Exhibition area closes
### Technical Sessions

#### Wednesday 25th March 14.30 - 16.10

##### Room A: Seismic and Exploration

**Chairpersons:**
- Hamed Harby, IEOC
- Mohand Said Malla, Sonatrach

**Sessions:**
- **SEIS 01/113** - Unveiling Complex Geology with Broadband Imaging
  - Vettie Vinje, Roger Taylor, Philippe Bertrand (CGG)
- **SEIS 02/90** - 2D Seismic Lines Reprocessing Test Using Common Reflection Surface Technique
  - Sara Civello, Jean-Michel Jansieck (Total E&P), Claudio Strobbia (Total CSTJF)
- **SEIS 03/92** - De-Risking Appraisal Phase by a Proper Imaging Workflow: A Case History from Onshore North Africa
  - R. Bacenetti, M. Buia, A. Cascone, F. Doniselli (eni)
- **SEIS 04/140** - Unlocking Subtle Hydrocarbon Plays through 3D Seismic and Well Control: A Case Study from West Gebel El Zeit District, Southwest Gulf of Suez, Egypt
  - Ahmad Mostafa (Ganoub El Wadi Petroleum Holding Company), Adel Sehim (Cairo University), Mohamad Youssef ( Ain Shams University)

##### Room B: Offshore and Deep Water Technologies 1

**Chairpersons:**
- Daniel Averbuch, IFP
- Fabio Cervini, Halliburton

**Sessions:**
- **OFF 02/276** - Subsea Gas Compression for a Greenfield Long Distance Tie-Back to an Onshore LNG Facility
  - Tine Bauck Irmann-Jacobsen, Bodil Hop, Tuyo Kazeem Awotila, (FMC Technologies Inc), Roberto Ferrario, Daniele Vanzan (Tecnomare - eni

- **OFF 03/211** - Angola West Hub: A Phased Development of Several Reservoirs Through Long Tiebacks and Increased Oil Recovery Technologies
  - Marco Bortolotto, Tornmaso Castellitto, Lorenzo Dell’Orto, Berardino Farase, Maria Ferraro, Stefano Magi, Fabio Mancini, Michele Margarone (eni)

##### Room C: Reservoir Characterisation 1

**Chairpersons:**
- Abdel Hady Taher, Agiba
- Gionata Ferroni, Geolog International

**Sessions:**
- **RES 01/98** - Reliable Trapped Gas Saturation Measurements from Forced Imbition Experiments
  - Luca Garolfi, Nicola Bonnino, Cesare Zanaboni, Domenico Mezzapesa, Anne Marie Lyne, Francesco Radaelli (eni)

- **RES 02/283** - Dynamics of Low Resistivity Pay Acquisition Formation: North Africa Formation Testing Experience and Challenges
  - Ahmed Moge Ali Mendi Slim, Chraief Maher (OMV Tunisia), Mohammed Shady, Mohamed Salah Bensab, Michel Claverie (Schlumberger)

- **RES 03/191** - ENI TTS Deconvolution for the Reservoir Management
  - Valentina De Gantano, Eleonora Azzarone, Enzo Beretta, Giuseppe Tripaldi (eni)

- **RES 04/180** - Quantitative Evaluation of Invasion from Time Lapse LWD Measurements to Optimize the Formation Testing and Sampling Program
  - Evgeny Tyurin (Baker Hughes), Massimiliano Borghi, Stefano Cagneschi, Franco Sirtori (eni e&p), Sefer Coskun, Barkas Nikolaos (Baker Hughes)

##### Room D: Well Construction and Management 1

**Chairpersons:**
- Joachim Oppelt, Baker Hughes
- Adam Vasper, Schlumberger

**Sessions:**
- **WELL 01/95** - Enhanced Post-Well Analyses by Data Integration Over Entire Projects’ Lifecycle
  - Fabrizio Zausa, Emanuela Comizzoli, Barbara Nazzari (eni e&p), Jean Miehlese (Kwantis)

- **WELL 02/194** - Innovative Well Integrity Approach for Proactive Management of Production/Injection Wells, Considering Well Barriers Degradation and Residual Well Life Estimation
  - Paolo D’Alessio (Pro Energy), Olivier Poupart (OXand), Livio Caramanico (Pro Energy)

- **WELL 03/30** - A Method to Improve Adhesion Strength at the Cement/Steel Casing Interface and Its Effect on Cement Evaluation Log Response
  - Maxime Lacuve, Alice Chouquet, Mickaël Allouche (Schlumberger), Cécile Mazar (Omnova Solutions)

- **WELL 04/49** - Novel Fiber-Based Lost Circulation Treatment Cured Total Losses in Depleted Zones in Emaraude Field
  - Nadish Gupta, Marius Suhaimi (Schlumberger), Stephanie Rouat, Sebastien Commerçon, Giuseppe Forin (Perenco)
## TECHNICAL SESSIONS

### SALA VERDE

**FLOW ASSURANCE**

**Chairperson:** Claude Valenchon, Saipem

**FLOW 01/201**

FIELD TESTS RESULTS OF PRODUCTION INSIDE HYDRATE P&T ZONE USING NEW HYDRATE MONITORING INSTRUMENTS

Philippe Gérait, Pratik Saha (Total SA), Calum Macpherson (Total UK), Bahman Tohidi, Jinhai Yang (Heriot-Watt University)

**FLOW 02/115**

TOOLS AND METHODOLOGIES TO INCREASE PRODUCTIVITY IN FLOW ASSURANCE STUDIES - ENI EXPERIENCE

Alberto Di Lullo, Paolo D’Antona (Eni)

**FLOW 03/278**

SUBSEA PIPELINE ELECTRIC HEAT TRACING (EHT) - ACTIVE HEATING APPLICATION FOR A DEEP WATER BROWN FIELD DEVELOPMENT

Christophe Candelier, Sasa Durica (Total E&P)

**FLOW 04/249**

FIELD DEPLOYMENT OF ENI VIBROACOUSTIC PIPELINE MONITORING SYSTEM (E-VPMS): LONG TERM PERFORMANCE ANALYSIS

R. Schiavon (Tecnomar), G. Bernasconi (Politecnico di Milano), G.P. Borghi, G. Giunta (Eni)

### WEDNESDAY 25th MARCH 16.30 - 18.10

**ROOM B**

**OFFSHORE AND DEEP WATER TECHNOLOGIES 2**

**Chairpersons:** Umberto Vitali, Rosetti Marino

**Fabio Decataldo, FMC Technologies**

**OFF 05/262**

GROUND MODEL: A HIGH VALUE SUPPORT TO DEEPWATER GIANT DEVELOPMENTS

Marco Savazzi (Eni E&P), Stephen Thomas (Furgo Geoconsulting Ltd), Fabio Folcini (Eni), Margherita Latronico, Emanuele Negri, Ruggero Nigido (Eni E&P)

**OFF 06/205**

SUCTION PILE FOUNDED ONE PIECE INSTALLED PLATFORM

Mark Rierns (Spt Offshore), Marc Voorhuis (Scaldis Salvage And Marine Constructors), Etienne Alderliest (Spt Offshore)

**OFF 07/269**

DEVELOPMENT AND REQUIREMENT FOR SUBMARINE SURVEYS OF LONGER ROUTES AND DEEPER AREAS

Nils Ingvarson, Martin Wikmar (Mnt)

**OFF A21/145**

FLOATING PRODUCTION UNITS - TURRETS THE EFFECTIVENESS OF A CONSTRUCTABILITY APPROACH

Carlo Pellegrino, Andrea Bombardi (RINA Services)

### ROOM C

**PRODUCTION OPTIMISATION 1**

**Chairpersons:** Gianpaolo Somaschini, Schlumberger

**Alberto Pelliccia, Shell**

**PROD 01/100**

SLUG CATCHER MULTIPHASIC CFD MODELLING: COMPARISON WITH INDUSTRIAL STANDARDS

Luca Cadei (Eni), Gianluca Montenegro (Politecnico Di Milano), Silvia Masi, Amalia Bianco, Sara Scaramellini, Andrea Di Sarra, Paolo Cerri (Eni)

**PROD 03/01**

FIRST EVER SUB-SEA HYDRAULIC JET PUMP SYSTEM USED TO OPTIMIZE SINGLE WELL DEVELOPMENT OFFSHORE TUNISIA

Toby Pugh (Weatherford International), Cherif Ben Khelifa (Lundin Tunisia), Ken Fraser (Norwell Engineering)

**PROD 03/01**

INTEGRATED OPTIMIZATION OF SURFACE ASSETS WITH FLUID-DYNAMIC CHECK WORKFLOW: A REAL CASE APPLICATION

Andrea Di Sarra, Giorgio Viadana, Sara Scaramellini, Irene Frino, Simone Pellegrini, Amalia Bianco, Silvia Masi (eni)

**PROD A19/176**

INNOVATIVE AND SIMPLER TECHNOLOGY TO RECOVER FLARE GAS

Syed M. Peeran, N. Beg (Caltec Limited)

### ROOM D

**WELL CONSTRUCTION AND MANAGEMENT 2**

**Chairpersons:**

Antonio Santandrea, AVA

Francesco Paoli, Schlumberger

**WELL 05/118**

THE APPLICATION OF THE EXTREME-LEAN PROFILE AS AN EXAMPLE OF OPERATIONAL EXCELLENCE WHICH ALLOWED TO ACHIEVE AN OUTSTANDING PRODUCTION PERFORMANCE BY REACHING THE TARGET WITH A BIGGER HOLE SIZE

Alessandro Puliti, Claudio Molaschi, Alberto Mallardi, Giuseppe De Grandis (Eni)

**WELL 06/120**

HIGH PERFORMANCE WATER BASE FLUID IMPROVES RATE OF PENETRATION AND LOWERS TORQUE. SUCCESSFUL APPLICATION AND RESULTS ACHIEVED BY DRILLING A HORIZONTAL SECTION THROUGH THE RESERVOIR

Alberto Mallardi, Nevio Moroni, Claudio Molaschi, Giuseppe De Grandis (eni), M. Molina, L. Bussaglia, F. Arpini, H. Dearing (AVA/Newpark Drilling Fluids)

**WELL 08/71**

ADVANCES IN THE HYDROCARBON GAS-LIQUID EQUILIBRIUM UNDERSTANDING IN WATER AND OIL-BASED DRILLING FLUIDS

Davide Doninelli, Jenny Rizzola (Politecnico di Milano), Luigi Da Rù (Geolog SRL), Paolo Gronchi (Politecnico di Milano)

**WELL A19/102**

SETTLING AND SLIP VELOCITY EVALUATION IN SYNTHETIC DRILLING FLUID

Silvio Baldino, Reza Ettehadi Osgouei, Evren Ozbayoglu, Stefan Miska (TUDRP), Roland May (Baker Hughes)
**TECHNICAL SESSIONS**

**SALA VERDE**

**ENVIRONMENTAL PROTECTION IN OFFSHORE OPERATIONS**

Chairpersons:

Gonzalo Dieste, Total
Brian Igoe, Siemens

**ENV 01/60**

**HEADS. MARINE SURVEILLANCE SYSTEM FOR OIL SPILLS**

Antonio Pérez-Lepe, José Vicente Solano (Repsol), Ángela Pueyo, Marcos García-Carvantes, Juan Pablo Gómez, Joaquín Gutiérrez-Goiría (Indra)

**ENV 03/256**

**A PROBABILITY MODELLING FRAMEWORK FOR ESTIMATING THE ECONOMIC CONSEQUENCES FOR OIL SPILLS**

Torleiv S. Grimsrud, Øyvind Endresen, Magnus S. Eide (DNV GL)

**ENV 04/230**

**PLATFORM FOR OIL SPILL RESPONSE GAP ANALYSIS - CASE BARDENS AND NORWEGIAN SEAS**

Delphine Laborde, Anne Wenke, Øyvind Endresen, Øivin Aarnes (DNV GL)

**ENV A05/279**

**THE APPLICATION OF THE INTEGRATED ENVIRONMENTAL AUTHORIZATION (“AIA”) IN A FEASIBILITY STAGE OF THE OFFSHORE ACTIVITY: A CASE STUDY**

Antonello Rubino (Medoilgas Italia), Marenza Gigante (Basis Engineering)

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**TECHNICAL SESSIONS**

**THURSDAY 26th MARCH 9.00 - 10.40**

**ROOM A**

**ENHANCED OIL RECOVERY: FIELD CASES AND FASTER WAY TO IMPLEMENTATION**

Moderator: Alexey Andrianov, EOR expert, Eni Upstream

**Description:**

As global energy demand continues to increase, more countries and companies evaluate and apply EOR techniques to produce more oil from their assets. Enhanced Oil Recovery is one of the themes of OMC 2015. The workshop includes panel and technical sessions dedicated to EOR with focus on field applications and faster implementation of EOR techniques. Technical papers will be presenting EOR field cases, development and characterization while panel presentations will describe the EOR field cases, capability development and implementation. The panelists will present EOR field cases from their company and share their view on faster moving EOR from lab to field.

**IOR/EOR A CHANGING LANDSCAPE**

Diederik Boersma, Manager IOR/EOR, Shell Global Solutions Capability Development

**POLYMER FLOODING - FROM MICRO TO FIELD SCALE**

Torsten Clemens, Chief Scientist for Reservoir Engineering, OMV E&P

**BUILDING AN ENHANCED OIL RECOVERY CULTURE**

Marco Rotondi, Manager IOR/EOR, Eni Upstream

General discussion on moving EOR and reducing its costs.

---

**TECHNICAL SESSIONS**

**ROOM B**

**OFFSHORE AND DEEP WATER TECHNOLOGIES 3**

Chairpersons:

Salvador Fernando Adorno, Schlumberger
Fabrizio Rolfo, eni

**OFF 09/13**

**ENHANCED MODELLING FOR PIPELINE DEFECTS ASSESSMENTS**

Dominique Popineau, Vincent Gaffard (Total), Michel Bernard, Julien Fontanabona (Tecnitas)

**OFF 10/146**

**ANTI FLOODING TOOL: HOW TO REDUCE CONSEQUENCES OF A WET BUCKLE DURING LAY**

Manuel Simionato, Stefano Redi, Natalia Pierozzi, Adriano Calzavara, Roberto Vicentini (Saipem)

**OFF 11/237**

**DNV GL FLOATPIPE: A PIPELINE CONCEPT FOR CHALLENGING SEABED**

Asle Venas, Mario Caruso (DNV GL)

**OFF 12/225**

**INSTALLATION CHALLENGES FOR ULTRA-DEEP WATERS**

Lorenzo Penati, Matteo Ducceschi, Armando Favi, Davide Rossin (Saipem)

---

**TECHNICAL SESSIONS**

**ROOM C**

**TECHNICAL AND NON TECHNICAL RISK ASSESSMENT**

Chairpersons:

Fedora Quartocchi, INGV
Franca Mazzatorta, Shell

**RISK 01/227**

**RESULTS OF ENVIRONMENTAL RISK ANALYSIS CARRIED OUT ON UK DUNBAR OFFSHORE INSTALLATIONS**

Jean-Marie Libre, Christelle Jennet (Total E&P), Valentin Vardenbussche (DNV GL)

**RISK 02/97**

**FIT FOR PURPOSE R&D PROGRAMS FOR NEW DRILLING TECHNOLOGIES APPLYING A SYSTEMATIC AND EXHAUSTIVE SAFETY/ECONOMIC APPROACH**

Nicola Rossi (Kwantis), Fabrizio Zausa, Paolo Ferrara (eni E&P)

**RISK 03/28**

**INTEGRATED RISK MANAGEMENT TO MEET THE CHALLENGES OF TODAY’S OIL & GAS INDUSTRY**

M. Cagianelli (Edison E&P), F. Nava, J. Michelez (Kwantis)

**RISK 04/147**

**SIMULATION OF ACCIDENTAL LNG DISPERSION**

Valentina Busini, Renato Rota (Politecnico di Milano)
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<td>MANAGED PRESSURE DRILLING STRATEGIES ENABLE SUCCESSFUL DRILLING OF THE DEEPEST HPHT EXPLORATORY WELL IN THE MEDITERRANEAN SEA</td>
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<td>SUCCESSFUL EXPERIENCE OF HYDRATE PLUG REMOVAL FROM DEEPWATER GAS INJECTION FLOWLINE</td>
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### Room C: Sustainability and Environment

**Chairpersons:**  
Fernanda Panvini, Enel  
Marco Abbiati, Università di Bologna

| SUST 01/96 | MICRO-SEISMIC MONITORING OF UNDERGROUND GAS STORAGES. THE “COLLATLATO” SEISMIC NETWORK  
Gaetano Annunziata (Edison Stoccaggio), Enrico Priola (OGS Trieste) |
| SUST 02/210 | BIODEGRADATION OF HYDROCARBONS: CLEAN PROMISING DEPOLLUTION TECHNOLOGY FOR A SUSTAINABLE MANAGEMENT OF ENVIRONMENT IN OIL&GAS INDUSTRY  
Mansour Dalila (Sonatrach), Djamel Djenane (Université Mouloud Maameri-Tizi Ouzou), Zouad Hamid, Boutrif Amina (Université M’hamed Bougara-Boumerdes) |
| SUST A05/192 | A NOVEL HYDROPHOBIC MATERIAL FOR OIL-WATER SEPARATION THROUGH SELECTIVE PERMEATION: THE STUDY OF KEY PARAMETERS AFFECTING PERFORMANCE  
Francesca Rubbertelli, Andrea Chiodini, Roberto Bagatin, Lino Carnelli (eni) |
| SUST A06/195 | A COMPLETE METHOD TO SAFEGUARD THE BURIED PIPELINES SUBJECT TO LANDSLIDE EFFECT  
Domenico Mazzone, Nicola Castrignano, Cesare Di Michele (Proger) |

### Room D: Opportunities in Exploration

**Chairpersons:**  
Francesco Bertello, IEOC  
Ahmed Abdel Fattah, EGPC

| EXPL 01/74 | ENHANCE OIL RECOVERY BY DISCOVERING A NEW POTENTIAL HYDROCARBON FROM THE UNCONVENTIONAL RESERVOIR, IN ABU RUDIES/SIDIRI FIELD, GULF OF SUEZ, EGYPT  
Adel Fahmi, Medhat El-Tokhy, Alaa Atta, Sharif Saber, Alaa Madkour (Petrobel) |
| EXPL 02/149 | THE EMRY DEEP OIL DISCOVERY, A NEW TYPE OF PLAY IN AN OTHERWISE MATURE PROVINCE  
Vincenzo Ragone, Antonio Franchino (Agiba Petroleum Co.), Francesco Bertello, Hamed Harby, Hesham Sokkar (Ieoc Egypt Branch) |
| EXPL 03/287 | OFFSHORE SARDINIA (ITALY): NEW PERSPECTIVES IN THE MARINE ZONE OPEN TO HYDROCARBONS EXPLORATION AND EXPLOITATION  
Ittaria Antonecchi, Francesca Ceruti (Ministero Sviluppo Economico) |
| EXPL 04/172 | ADVANCED SEISMIC TECHNIQUES TO ENHANCE EXPLORATION IN THE MEDITERRANEAN BASIN  
Cyril Saint-Andre, Patrick Charron, Abderrahim Lafram (Total SA) |

### Sala Verde: Energy Efficiency

**Chairpersons:**  
Ezio Mesini, Università di Bologna  
Ivan Baggi, Shell

| EFF 01/135 | SURPLUS HEAT: FREE FUEL FOR EFFICIENCY IMPROVEMENT IN THE OIL&GAS INDUSTRY  
Riccardo Vescovo, Francesco Campania (Turboden) |
| EFF 02/114 | IMPROVE THE PERFORMANCE OF NATURAL GAS PROCESSING PLANTS BY UTILIZING WASTE HEAT FOR PROCESS HEATING AND POWER GENERATION PURPOSES  
Ahmed Hady Abdel Hameed, Samir Zayed (Petrobel) |
| EFF 03/265 | DEVELOPMENT OF INNOVATIVE SOLAR-FOSSIL HYBRID PLANT IN A REMOTE O&G AREA  
Valerio Brocco, Filomena Castaldo, Roberto Cimino, Giambattista De Ghetto, Stefano Rossini (eni) |
| EFF 04/241 | CONCENTRATING SOLAR POWER APPLIED TO EOR: HIGH TEMPERATURE FLUID CIRCULATION FOR ENHANCING THE RECOVERY OF HEAVY OIL  
Daniele Testa, Lino Carnelli, Gianni Corso, Carla Lazzari, Micaela De Simoni, Giuseppe Sassi, Alice Tegami (eni) |

### Thursday 26th March 14.30 - 16.10

**Room A: Well Construction and Management 3**

**Chairpersons:**  
Franco Arpini, Ava  
Nicola Rossi, Kwanta

| WELL 09/40 | APPLICATION OF MULTI-ZONE SINGLE-TRIP SYSTEM IN WEST AFRICA: OPTIMIZATION AND COST-SAVING OPPORTUNITIES FOR DEEPWATER APPRAISAL WELL COMPLETIONS  
Marco Colombo, Dario Pellicanò, Michele Piemontese, Giuseppe Ripa (eni), Nenel Kechekou, James Ochieze (NAE), Mario Di Pietro, Andres Garcia, Emmanuel Ereke (Baker Hughes) |
| WELL 10/44 | SONATRACH EXPERIENCE AND APPROACH IN THE OPTIMIZATION OF DRILLING WASTE MANAGEMENT PRACTICES IN DRILLING OPERATIONS  
Samira Bellatache Annane, Brahim Hammoudi (Sonatrach) |
| WELL 11/105 | MULTI STAGE ACID FRACURING ON CARBONATE RESERVOIR, SUCCESSFUL EXPERIENCE FROM OFFSHORE CONGO  
Rolle V. Iloua, Francesco Martocchia (eni e&p), Salvatore Baretti, Lisa Farina, Cyril Rodrigo Njiembo, Fred Situ (eni Congo), Robert Ilyasov, Yoann Santin (Halliburton) |
| WELL 12/207 | USE OF DRILLING WITH LINER TECHNOLOGY TO MITIGATE A CATASTROPHIC LOSS INTERVAL. A SUCCESSFUL CASE STUDY IN THE NORTH SEA  
Mark van-Aerssen (Wintershall Nordsee b.v.), Steven Rosenberg, Ronald Wever, Ming Zo Tan, Alexandre Salinas, Moji Karimi, Rex L. Winchell (Weatherford) |
TECHNICAL SESSIONS

ROOM B
SUBSEA PRODUCTION

Chairpersons:
Alejandro Barrero, Granherne
Danilo Maddalena, Tecnomare

SUBSEA 01/197
SEPARATOR EFFICIENCY MODEL DURING HYDRODYNAMIC AND SEVERE SLUGGING
Cristiano Di Benga, Simone Sodini, Vittorio Faluomi (TEA Sistemi)

SUBSEA 02/213
MODELLING OF PETROLEUM MULTIPHASE FLUIDS IN ESPS: AN INTELLIGENT APPROACH
Morteza Mohammadhahemi, Zunwa Khan, Reza Tafreshi (Texas A&M University at Qatar) Matthew Franchek, Karolos Grigoriadis (University of Houston)

SUBSEA 03/35
PROJECT EXECUTION OF A COMPLETE SUBSEA MULTIPHASE PUMP SYSTEM FOR THE DRAUGEN FIELD IN NORWAY
Fredrik Wadel-Andersen (OneSubsea Processing As)

SUBSEA 04/141
SUBSEA MULTIPHASE PUMPING: AN ENABLER FOR DEEPWATER DEVELOPMENTS
F. Moen, A. Hofstad, S. Rasmussen, A. Gryning (Aker Solutions)

ROOM C
RESERVOIR MONITORING AND SIMULATION

Chairpersons:
Pietro Terdich, Edison
Francesca Verga, Politecnico di Torino

RES 09/264
ASSESSMENT OF THE POTENTIAL FOR INDUCED SEISMICITY AT THE CAVONE OILFIELD: ANALYSIS OF STRUCTURAL AND GEOPHYSICAL DATA, AND GEOMECHANICAL MODELING
Rubens Juanes, Bradford H. Hager (MIT), John H. Shaw (Harvard University), Birendra Jha (MIT), Andreas Plesch (Harvard University), Luciana Astiz (University of California San Diego), James H. Dieterich (University of California Riverside), Clif Frohlich (University of Texas at Austin), Daniele Susanni, Fabio Colombo, Luca Magagnini (ENVIRON)

RES 11/83
DEVELOPING WHILE APPRAISING A TIGHT OIL RESERVOIR FROM DISCOVERY TO EARLY PRODUCTION AND FULL FIELD DEVELOPMENT
Davide Tizzano, Gaetano Mazzu, Silvia Bardini, Luigi Cofetta, Daniela Morra, Alessandro Tiani, Raffaele Giardini (eni)

RES 12/106
PRACTICAL ALTERNATE INTEGRATED ASSET MODELS
Saad Ali Ghouri, Saadoun Banooori, Caterina Topini, Dario Rametta (eni)

RES A14/163
ALTERNATIVE APPROACH TO ABSOLUTE PERMEABILITY ESTIMATION USING NMR-DERIVED GRAIN SIZE DISTRIBUTION
Evgeny Tyurin (Baker Hughes), Marco Pirrone, Massimiliano Borghi, Patrizio Gossenberg, Nicola Raimondi Cominesi (eni e&p)

ROOM D
DEEP AND ULTRADEEP

Chairpersons:
Petter Johnsen, Aker Solutions
Edgar Keijser, Oil States Industries

DEEP 01/220
“PROXIMA” DRILLSHIP: A UDW DRILLSHIP WITH A VISION OF THE FUTURE DEVELOPMENT OF OFFSHORE OIL & GAS EXPLORATION
Luca Ambrosio, Gianni Scherler, Marko Keber (Fincantieri Offshore)

DEEP 02/224
HIGH CAPACITY INSTALLATION EQUIPMENT FOR MEETING THE CHALLENGES OF ULTRA DEEP WATERS
Matteo Ducceschi, Dario Donelli, Roberto Faldini, Davide Rossin (Saipem)

DEEP 03/183
MODULAR PIPELINE RECOVERY TECHNOLOGY DEVELOPMENTS
Greg Campbell-Smith (First Subsea)

DEEP 04/238
TAKING DEEP-WATER PIPELINES TO THEX-STREAM
Asle Venas, Flávio L. B. Diniz, Celso V. Raposo, Mario Caruso Neto (DNV GL)

SALA VERDE
SUSTAINABILITY

Chairpersons:
William Palazzo, Proger
Dalia Mansour, Sonatrach

SUST 03/259
A NEW EXPERIENCE FOR PUBLIC-AWARENESS TOWARDS PUBLIC-ACCEPTANCE IN E&P: 3D REAL RESEVOIR REPRESENTATION
Paolo De Filippis, Francesco Napoli, Carmine Nolè, Gioia Tozzi, Sira Lage (Università La Sapienza), Fedora Quattrocchi (INGV), Rocco Santoleri, M. Melatti (COESUM)

SUST 04/86
CASE HISTORY IN SCIENTIFIC AND PSEUDO-SCIENTIFIC MASS-MEDIA COMMUNICATION IN ENERGY/HEAT PRODUCTION FROM UNDERGROUND (GEGAS STORAGE, GEOTHERMICS, HYDROCARBONS) IN THE FRAME OF NIMBY SYNDROME ENHANCEMENT IN EUROPE: THE PROPOSAL OF A NEW EUROPEAN DIRECT
Fedora Quattrocchi (INGV), Enzo Boschi (University of Bologna)

SUST 05/84
SOCIAL PERFORMANCE, CHOICE AND OPPORTUNITY IN THE COMMUNITY: A SHELL SPONSORED LIBRARY PROJECT IN BASILICATA
Nina Prentice, Donatella Fitzgerald (Oxford University Press), Ivan Baggi (Shell)

SUST 06/138
CASA TIBERI PLANT: IZERO (“ITALIAN GAS AT KM.0”) WITH ZEM (“ZERO EMISSION PLANT”) Diego Mezzadri (Appenine Energy), Alessandro Mosca (Purna Progetti), Sergio Bazzanini (Tesi Ingegneria)
ROOM A
DRILLING: NEW TECHNOLOGIES 2

Chairperson: Paolo Allara, Saipem

DRILL 06/170
HIGH-TEMPERATURE DIRECTIONAL DRILLING POSITIVE DISPLACEMENT MOTOR
Carsten Hohl, Harald Grimmer, Jens Schmidt (Baker Hughes)

DRILL 07/190
A NOVEL INVERT EMULSION SYSTEM USING A POLYGLYCEROL INTERNAL PHASE
Michael Redburn, Harry Dearing, Matthew Bechaver, David Nash (Newpark Drilling Fluids), Terry Allen, Kyle Scott (Ultra Petroleum)

DRILL 08/101
MANAGED PRESSURE DRILLING PROVIDED VALUE TO OFFSHORE DRILLING OPERATION
James Onifade, Engin Ertass, Essam Sammat (Weatherford), Benhur Sahin (TPAO)

DRILL A12/243
DRILLMEC AHEAD: A NEW GENERATION OF FULLY AUTOMATED DRILLING RIG FORWARD DESIGNED TO MEET THE HIGHEST HSE STANDARDS AND DRILLING EFFICIENCY
Angelo Calderoni, Marco Cercato (Drillmece)

ROOM B
STRATEGIES FOR OFFSHORE DEVELOPMENTS

Chairpersons:
Oscar Guerra, Rosetti Marino
Tobias Rosenbaum, DNV GL

OFFSTRAT 01/157
360° INTEGRATION FOR SUCCESSFUL COMPLEX RESERVOIR DEVELOPMENT
S. Bertoli, S. Banzi, M. Calderoni, N. Colombi, P. Scaglioni, C. Topini (eni), C. De Draganich Veranzio, V. Milluzzo, (eni Angola)

OFFSTRAT 02/26
TOTAL TECHNOLOGY ROADMAP FOR FUTURE DEEPWATER ASSETS
Frederic Garnaud, Clement Boireau, Dan Byrd, Thierry Palermo (Total)

OFFSTRAT 03/175
THE “CURSE” OF SUBSEA INFRASTRUCTURE’S LONGEVITY: TODAY’S CHALLENGES AND OPPORTUNITIES IN DESIGNING TOMORROW’S OFFSHORE FIELD DEVELOPMENTS
Alejandro Barrero, Francesco Beltrami (Granherne)

ROOM C
RESERVOIR CHARACTERISATION 2

Chairpersons:
Carlos Pirmez, Shell
Ferdinanda Pampuri, eni

RES 05/200
SEQUENCE STRATIGRAPHY, SEDIMENTOLOGY AND RESERVOIR MODELING OF THE CORAL RESERVOIR, OFFSHORE NORTHERN MOZAMBIQUE
Denis Palermo, Franco Fonnesu, Mauro Gabbiati, Domenico Mezzapesa, Marco Marchesini, Filippo Maioli (eni)

RES 06/188
DRILLING RISKS MANAGEMENT AND RESERVOIR CHARACTERIZATION WITH DEEP DIRECTIONAL RESISTIVITY LOGGING WHILE DRILLING
Roberto Berto, Massimiliano Borghi, Nicola Raimondi Cominesi (eni), Filippo Chinellato, James Dolan (Schlumberger)

RES 07/83
ADVANCED LOGGING TECHNOLOGY COMBINED WITH INTEGRATED FORMATION EVALUATION ANALYSES PROVIDES CONFIDENT PETROPHYSICAL INFORMATION IN THE GIANT GAS DISCOVERIES OF THE LEVANTINE BASIN
Fabio Brambilla, Johanne Paludan, Evgeny Tyurin (Baker Hughes)

RES 08/161
TEXTURES AND MICRO-FRACTURES ANALYSES ON DRILL CUTTINGS TO SUPPORT WELL CHARACTERISATION IN CARBONATE RESERVOIRS
Valentina Raffaele, Antonella Bersani, Arabella Casero, (eni)

SALA VERDE
OFFSHORE REGULATIONS

A WARM UP FOR FRIDAY SPECIAL SESSION
Chairperson: Bernard Vanheule, IOGP

REG 01/239
THE NEW EU OFFSHORE SAFETY DIRECTIVE- KEY REQUIREMENTS AND IMPACTS
Martin Layfield, Fabio Lo Brutto (DNV GL)

REG 02/130
OFFSHORE HSE REGULATIONS: THE NEW PARADIGM IN THE MEDITERRANEAN SEA AND ITS PRACTICAL CONSEQUENCES
Emmanuel Garland (Total E&P)

REG 03/286
TRANSPOSITION OF DIRECTIVE 2013/30/EU IN ITALY
Marcello Strada, Roberto Cianella, Arianna Cofini, Luca Di Donatantonio, Carla Giannitelli (Ministero Sviluppo Economico)

REG 04/32
EU DIRECTIVE ON OFFSHORE SAFETY: A PROBLEM OR AN OPPORTUNITY?
Giovanni Ugucioni, Paolo Rentocchini, Chiara Gigante (D’Appolonia)

REG 06/289
TRANSPOSITION OF THE “MARINE STRATEGY” EUROPEAN DIRECTIVE: IMPLICATION OF THE LEGISLATIVE DECREES 190/2010 ON HYDROCARBON SECTOR OFFSHORE
Ilaria Antoncecchi, Andrea Soledad Bonetti (Ministero Sviluppo Economico)
**TECHNICAL SESSIONS**

**FRIDAY 27th MARCH**
9.00 - 10.40

**ROOM B**
UNCONVENTIONAL RESOURCES

Chairpersons:
Dario Viberti, Politecnico di Torino
Valerio Parasiliti, eni

UNCON 01/12
HOW TO EXPORT THE UNCONVENTIONAL REVOLUTION OUT OF NORTH AMERICA?
Philippe A. Charlez (Total)

UNCON 02/178
APPLICATION OF HYDRAULIC PULSED JET GENERATOR FOR ROP ENHANCEMENT IN SHALE GAS WELL
Shuang Liu, Gensheng Li, Huazhong Shi, Shoucing Tian, Xuelian Zhao (China University of Petroleum)

UNCON 03/8
OPTIMIZED SHALE RESOURCE DEVELOPMENT
Usman Ahmed (Baker Hughes Inc.)

UNCON 04/68
HYDROCARBON RETENTION: A NEW WAY TO EVALUATE SOURCE ROCK AND UNCONVENTIONAL RESOURCE POTENTIAL WITH PETROLEUM SYSTEM MODELLING APPLICATIONS
Matilde Dalla Rosa, Loredana Caldiero, Danilo Dolci, Domenico Grigo, Paolo Ruffo (eni)

UNCON 05/162
ORDOVICIAN UNDISCOVERED RESOURCES IN SOUTH HASSI MESSAOUD. ORDOVICIAN HAMRA QUARTZITE, AN EXAMPLE OF TIGHT OIL - HASSI MESSAOUD BASIN
Nour Eddine Daoudi, Mohamed Mansouri (Sonatrach)

**ROOM C**
PRODUCTION OPTIMISATION 2

Chairpersons:
Lucilla Del Gaudio, eni
Eduardo Dellarole, Tea Sistemi

PROD 05/61
INNOVATION INSTRUMENTS AND TECHNIQUES FOR MEASUREMENT SYSTEM OPERATOR MANAGEMENT
Abimbola Akinmade, Giovanni Del Bufalo, Silvia Masi, Antonio Torosello (eni)

PROD 06/270
SUBSEA GAS COMPRESSION TECHNOLOGY FOR MAXIMIZED HYDROCARBON RECOVERY
Marco Gabelloni (Aker Solutions)

PROD 07/89
A REAL CASE APPLICATION OF INTEGRATED PRODUCTION OPTIMIZATION MODELLING: WELLHEAD COMPRESSOR PERFORMANCES
Sergio Ritondale, Andrea Di Sarra, Sara Scaramellini, Giorgio Viadana, Amalia Bianco, Silvia Masi (eni)

PROD 08/29
CRITICAL PRESSURE ANALYSIS OF THE INJECTION OF SHEAR THINNING FLUIDS IN POROUS MEDIA
Raffaele Romagnoli, Rajandrea Sethi, Tiziana Tosco (Politecnico di Torino)

**ROOM D**
GEOHAZARDS

Chairpersons:
Umberta Tintiella, OGS
Davide Piccinini, INGV

GEO 01/173
DO THE NEW BROADBAND ACQUISITION TECHNIQUES ALLOW US TO IMPROVE SUB-SURFACE GEOHAZARD DETECTION?
Cyril Saint-Andre (Total SA), Aude Compoint (Université de Bretagne Occidentale), Eric Caququil, Frederic Pivot (Total SA)

GEO 02/61
GEOHAZARD: INNOVATIVE GEOPHYSICAL METHODOLOGY TO REDUCE THE UNCERTAINTIES IN PORE PRESSURE PREDICTION
L. Mapelli (eni E&P), M. Della Martera, I. Orozova Bekkenvold (eni), M. Aleardi, A. Mazzotti (Università degli Studi di Pisa)

GEO 03/31
GEOHAZARD: LOWERING THE PROJECT RISK PROFILE
Marilena Calarco, Francesca Zolezzi, Eric J. Parker, Chiara Maria Traverso (D’Appolonia)

**FRIDAY 27th MARCH**
9.25 - 10.40

Room C
production optimisation 2

Chairpersons:
Lucilla Del Gaudio, eni
Eduardo Dellarole, Tea Sistemi

PROD 05/61
INNOVATION INSTRUMENTS AND TECHNIQUES FOR MEASUREMENT SYSTEM OPERATOR MANAGEMENT
Abimbola Akinmade, Giovanni Del Bufalo, Silvia Masi, Antonio Torosello (eni)

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Raffaele Romagnoli, Rajandrea Sethi, Tiziana Tosco (Politecnico di Torino)

**FRIDAY 27th MARCH**
11.00 - 12.40

Room B
facilities and their life cycle assessment

Chairpersons:
Paolo Andreussi, TEA Sistemi
Alberto Di Lullo, eni

FCA 01/41
A SYSTEM APPROACH FOR EVALUATING RESIDUAL LIFE OR EXISTING FIXED OFFSHORE PLATFORMS
Stefano Copello, Fabio Petritto, Stefano Gaugennieder (RNA Services)

FCA 02/133
THE ACID GAS REMOVAL UNIT AT GASCO’S HABSHAN 5: SIMULATION AND COMPARISON WITH FIELD DATA
Laura Annamaria Pellegrini, Stefania Moioli, Fabian Max Munari (Politecnico di Milano), Barbara Picutti, Paolo Vergani (Tecnimont S.p.A. - Maire Tecnimont Group), Aldo Uccelletti

FCA 03/245
STRUCTURAL INTEGRITY MANAGEMENT: AN UPDATED ASSESSMENT OF STRUCTURAL PERFORMANCES AT THE BASE OF SUCCESS IN SERVICE LIFE EXTENSION EVALUATION
Stefano Sartirana, Augusto Moglia (Tecnomare), Gianfranco Rocchi, Alberto Callero (Studio Geotecnico Italiano)

FCA 04/111
OFF-SHORE FACILITIES INTEGRITY MONITORING AND MANAGEMENT
Donisi Domenico, Fuggini Clemente, Gabriele Noli, Giovanni Ugucconi (D’Appolonia)
TECHNICAL SESSIONS

ROOM C  
PRODUCTION OPTIMISATION 3

Chairpersons:  
Marcello Navanteri, Proger  
Gonzalo Dieste, Total

PROD 09/193  
DUAL BOOSTING ESPS: A SOLUTION TO DELIVER HIGH REQUIRED FLOW IN LIMITED CASING SIZE  
Bertrand Cesaire, Edo Raisa, Amin Echarki, Michel Falla (Total), Olivier Pierr, Brian Scott, Alek Dwivedi (Schlumberger)

PROD 10/187  
FIRST OFF SHORE INSTALLATION WELLHEAD COMPRESSOR DEWATERING SYSTEM  
Pasquale Imbò, Mirko Araldi (eni)

PROD 11/268  
PRODUCTION OPTIMIZATION AND EMISSIONS REDUCTION BY ADAPTIVE LOAD SHARING OF TURBO-COMPRESSORS  
Diego Pareschi, Andrea Cortinovis, Merhmet Mercangoez (ABB), Sergio Bittanti (Politecnico di Milano)

PROD 12/184  
A NEW DOWHPOLE OIL-WATER SEPARATION SYSTEM  
Edoardo Dellarole (TEA Sistemi), Domenica Di Renzo, Lucilla Del Gaudio (eni), Paolo Ciandri (TEA Sistemi), Marco Pedretti (eni), Stefano Tealdi (TEA Sistemi)

ROOM D  
GAS TO MARKET

Chairpersons:  
Alberto Delbianco, eni UK  
Fabio Inzoli, Politecnico di Milano

GAS 01/285  
PROJECT OPTIONS TO MONETIZE STRANDED GAS  
William Dickson, Alberto Delbianco, Ogolo Furo, Raffaele Imperato (eni)

GAS 02/22  
FLNG PRODUCTION OPTIMISATION THROUGH RELIABILITY, AVAILABILITY & MAINTAINABILITY PREDICTIONS AND MODELING  
Olivier Benyessaad, Karina Forte, Karine Villenfin (Bureau Veritas)

GAS 03/132  
LNG STORAGE DISTRIBUTION AND REGASIFICATION IN A SINGLE PLANT: AN INNOVATIVE CHALLENGE FOR THE ITALIAN MARKET  
Giovanni Ugucioni, (D’Appolonia), Alessandro Vescovini (Smart Gas), Alessandro Puppo, Marco Compagnino (D’Appolonia)

GAS 04/257  
DEKA PROJECT FROM EVALUATION TO START-UP  
Danilo Mele, Yousef Tarek, Jimmi Ballotta, Enrico Chinnella (Tecnomare)

DIGITAL POSTERS

WEDNESDAY 25th MARCH  
14.30 - 16.10 / Hall 3

SAFETY, ENVIRONMENT AND SUSTAINABILITY

SAFE A05/204  
LEADERSHIP FOR THE FUTURE: INSTILLING A VISION OF SAFETY AND EFFICIENCY FOR THE FUTURE UTILIZING NEW SERVICES  
Ky W. White, Ricardo Ferrero (Baker Hughes)

SAFE A06/223  
3D OBSERVER: AUTOMATED TRACKING SYSTEM  
Salvatore Di Maio, Alessandro Ferrazzi, Giulia Gestri, Mauro Marengo, Lucia Segui (SPINDOX)

ENV A07/148  
APPLICATIONS OF SAFETY MANAGEMENT SOLUTIONS FOR CRUISE VESSELS IN THE OIL&GAS INDUSTRY  
Sandro Stefani (Martec spa)

SUST A07/66  
FROM TUGS TO FPSOS: GAS AS THE GREEN SOLUTION FOR OFFSHORE APPLICATIONS  
Carlo Contessi (Wartsila Italia)

SUST A08/196  
AIR QUALITY BIOMONITORING  
Cesare Di Michele, Francesca Di Girolamo, Giacomo Collevecchio, Nicola Tavano (Proger), Giovanni Dinelli (Università degli studi di Bologna), Fabrizio Bartolucci, Miklo Di Marzio (Proger)
**FACILITIES AND THEIR LIFE CYCLE ASSESSMENT**

**FCA A05/217**
THE EFFECT OF CORROSION ON LIFE OF THE FIBERGLASS LINE OF FIRE WATER SYSTEMS
Gana Mohamed Lamine (Sonatrach), Gana Kebbouch Salima (M’hamed Bougara University of Boumerdes)

**FCA A06/177**
NEW INNOVATIVE AND COST EFFECTIVE TECHNOLOGY FOR MULTI-PHASE PUMPING
Syed M. Peeran, N. Beg (Caltec)

**FLOW ASSURANCE**

**FLOW A07/198**
HYDRATE FORMATION IN GAS DOMINANT SYSTEMS: INFLUENCE OF THE FLOW PATTERN
C. Cassar, A. Sinquin (IFPEN), A. Teixeira (Petrobras), P. Glénat (Total), J.P. Leininger (GDF Suez)

**FLOW A08/231**
KEY PARAMETERS AND GUIDELINES FOR LONG TIE BACK PIPELINES DESIGN AND OPERABILITY
Vittorio Faluomi, Simone Sodini, Marco Bonizzi (Tea Sistemi)

**SEISMICS AND EXPLORATION**

**SEIS A05/129**
ADDING VALUE TO “VINTAGE” RESEARCH GEOPHYSICAL DATASETS
C. Sauli, P. Diviacco, N. Wardell, N.E. Forlin, V. Sauli, A. Busato (OGS)

**SEIS A06/21**
EXAMPLE OF RE-PROCESSING OF OLD CRUSTAL SEISMIC DATA APPLYING WAVE EQUATION DAUMING
Michela Giustiniani, Umberta Tinivella (Istituto Nazionale di Oceanografia e Geofisica Sperimentale - OGS), Rinaldo Nicolich (Università di Trieste)

**EXPL A05/46**
ALBANIDES FOLD-AND-THRUST BELTS OVERTHrust ONTO THE APUlia FORELAND
Engjell Prenjasi, Luan Arapi (Polytechnic University of Tirana), Flamur Gishto, Faslli Fejzullahu (Albpetrol sh.a)

**UNCONVENTIONAL RESOURCES**

**UNCON A06/134**
BRINGING GEOSCIENCE INTO SHALE DEVELOPMENT
Rob Mayer, Roger Taylor, Isabelle Mahe (CGG)

**TECHNICAL AND NON TECHNICAL RISK ASSESSMENT**

**RISK A05/55**
PROCESSES AND TOOLS TO EFFECTIVELY LEVERAGE ON LESSONS LEARNED FOR E&P DEVELOPMENT PROJECTS
Marco Piantanida, Elena Cheli, Onest Gheorghisor, Paolo Rossi (eni)
RISK A06/221
COMBINED RISK AND EXERGY ANALYSIS OF AN OIL PLATFORM
Gabriele Cassetti, Michele Aguti, Emanuela Colombo (Politecnico di Milano)

RISK P07/248
IMPROVEMENT OF WATER RISK ANALYSIS: APPLICATION AND COMPARISON OF DIFFERENT TOOLS FOR UPSTREAM
Patrizia Buttini, Carlo Alberto Cova, Raffaella Cultrera (eni)

ENERGY EFFICIENCY
EFF A06/136
ENERGY RECOVERY FROM PROCESS OPTIMISATION OF GAS SWEETENING UNIT: STUDIES AND FIELD APPLICATION
Irene Frino, Simone Pellegrini, Sara Scaramellini, Paolo Cerri, Amalia Bianco, Nicola Buongiorno, Silvia Masi (eni)

THURSDAY 26th March
9.00 - 10.40 / Hall 3

PRODUCTION OPTIMISATION
PR0D A15/79
INTEGRATED PRODUCTION OPTIMIZATION IN PRESENCE OF UNCERTAINTIES: THE IMPORTANCE OF RISK ANALYSIS FOR FIELD POTENTIAL EVALUATION
Sara Scaramellini, Paolo Cerri, Irene Frino, Giorgio Viadana, Simone Pellegrini, Amalia Bianco, Silvia Masi (eni)

PROD A16/125
CHEMICAL STRATEGY “GLOBALIZATION” WHERE WATER MEANS OIL
Elena Braccalenti, Lucilla Del Gaudio, Enrico Radaelli, Nicola Allegro, Davide Lombardi (eni)

PROD A17/263
DYNAP TOOL: THE STRATEGIC SOLUTION FOR TECHNICAL DOWNTIME EVALUATION
Matteo Polci, Silvio Rocco, Francesco Dresda, Daniela Morra (eni)

DEEP AND ULTRADEEP

SUBSEA A05/171
SUBSEA FACILITIES - CHALLENGES AND TECHNOLOGIES
Amr Ewis, Mostafa Arafia (Petrobel), M.M. El Wakil (ENPPI)

SUBSEA A06/212
UTILIZING A VESSEL OF OPPORTUNITY TO PERFORM RLWI TO ACCELERATE OIL RECOVERY
Salvatore Luppina, Brian Stiel (eni)

OFFSTRAT A04/108
OUT OF STRAIGHTNESS SURVEY FOR OFFSHORE PIPELINE INTEGRITY MANAGEMENT
Paolo Cherubini, Lorenzo Maria Bartolini, Stefano Dafine, Paolo Ferrari (Saipem)

DEEP A05/242
MATERIAL SELECTION AND CHALLENGING FOR OFFSHORE LINEPIPE APPLICATION
Gianluca Mannucci, Luigi Di Vito, Andrea Fonzo (CSM)
THURSDAY 26th March
11.00 - 12.40 / Hall 3

**DRILLING**

**DRILL A10/226**
SETUP OF A HELIUM (HE) AND CARBON DIOXITE (CO₂) MONITORING SYSTEM
Carla Martinenghi, Daniele Loi, Silvia Terzuoli (Eni), Alberto Corsaro, Benedetto Corbo, Pasquale Greco, Alexander Saturni (Baker Hughes)

**DRILL A14/52**
A NEW DRILL PIPE DESIGN INTRODUCED TO DRILL SAFER AND FASTER IN A SHALE PLAY
Wendell Bassarath, Luc Vanpuymbroeck, Scott Granger (Vallourec)

**WELL A15/112**
AN INDUSTRIAL SUCCESS IN CONTINUOUS EVOLUTION IMPLEMENTING NEW IDEAS. THE SWIVEL JOINT
Filippo Ballerini, Marco Marangoni, Claudio Quilici (Fast srl)

**WELL A18/119**
The successful application of a hybrid rotary steerable system allowed to drill a sidetrack well with a record build-up of 13°/30m and a tangent section to increase the reservoir exposure
Giuseppe De Grandis, Alberto Maliardi (Eni), Francesco Paoli (Schlumberger)

**WELL A20/111**
NOVEL FLUID SYSTEM FOR DTS APPLICATIONS
S. Bhamidipati, M.M. Alam, T. Hanza, D. Benoit (Halliburton)

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THURSDAY 26th March
14.30 - 16.10 / Hall 3

**OFFSHORE AND DEEP WATER TECHNOLOGIES**

**OFF A19/254**
VISION TECHNOLOGY CAN HELP PIPELAY
Massimo Bellio, Paolo Catena, Matteo Ducceschi, Emmanuel Huot (Saipem)

**OFF A20/87**
RELIABLE AND INNOVATIVE APPROACH FOR DECOMMISSIONING STUDY OF OIL & GAS PLANTS
Carlos Henrique Friederichs, Francesco Dibello, Alessandro Garzia, Antonio Tigranelli, Silvia Masi (Eni)

**OFF A23/9**
SOME MINERALOGICAL AND GEOTECHNICAL PROPERTIES OF CARBONATE AND SILICA SANDS IN RELATION TO A NOVEL OFFSHORE MIXED-IN-PLACE PILE
Giovanni Spagnoli (BAUER Maschinen Gmbh), Paul Doherty, David Wu, Mark Doherty (University College Dublin)

**GAS TO MARKET**

**GAS A06/167**
TECHNO-ECONOMIC ANALYSIS OF LNG PRODUCTION USING CRYOGENIC VS CONVENTIONAL TECHNIQUES FOR NATURAL GAS PURIFICATION
Laura A. Pellegrini, Giorgia De Guido, Stefano Langè, Margaret Baccanelli (Politecnico di Milano)
DIGITAL POSTERS

FRIDAY 27th March
9.00 - 10.40 / Hall 3

- RESERVOIR AND EOR TECHNOLOGIES

RES A15/18
PETROPHYSICAL CHARACTERISTICS AND HYDROCARBON POTENTIAL OF CONVENTIONAL AND NON-CONVENTIONAL RESERVOIR ROCKS IN NORTH IDKU OFFSHORE AREA, NILE DELTA, EGYPT
Kaled Ahmed Khaled (Helwan University), Samir Ibrahim El Naggar (Mansoura Petroleum Company), Mahmoud Abdel Rasoul Abdel Fattah Khattab (EGAS)

RES A17/260
MONITORING OF CHANNEL RESERVOIRS THROUGH INSAR MEASUREMENTS
Grazia Giani, Adel Mehrabadi, Costanzo Peter, Vera Rocca, Alessio Rucci, Francesca Verga (Politecnico di Torino)

RES A18/67
GEOLOGICAL MODELLING WORKFLOW TO SUPPORT WELL PLACEMENT: A CASE STUDY FROM BARENTS SEA
Claudio Pesenti, Amelia Mazzacca, Adelaide Russo, Cristiano Tarchiani (eni)

RES A19/109
ADVANCES IN DETECTION AND INTERPRETATION OF HYDROCARBONS, NON-HYDROCARBONS AND NOBLE GASES WHILE DRILLING
Corrado Barbieri, Stefano Mazzoni (eni), Gabriele Abbruzzi, Gionata Ferroni (Geolog)

RES A20/251
THE SOUND OF HYDROCARBONS & THE FLUIDS TEMPERATURE. AN INTEGRATED PRODUCTION LOGGING APPROACH
Giuseppe Galli, Giuseppe Rizzo, Andrea Leone (eni e&p)

RES P20/292
WATER TRACER CAMPAIGN IN WEST MABRUK FIELD, TO UNDERSTAND FLUID MOVEMENT WITHIN A WATER FLOOding CARBONATE RESERVOIR
Rabia Hunky, Dubaker Elsadwi (NOC)

RES P21/293
USING LOG DATA AND NEURAL NETWORK CAPABILITIES TO PREDICT NON-RECORDED PARAMETERS TO CONSTRUCT MISSING LOG DATA. TWO CASES HISTORY IN SETH FIELD, MEDITERRANEAN SEA, EGYPT
Hanab Abdel Fattah (eni - Ieoc Cairo Egy), Hazem Mahmoud (Schlumberger Cairo Egypt)

EOR A05/93
CHEMICAL EOR PROJECT FOR A NORTH AFRICAN GIANT FIELD
Marianna Nobili, Franco Masserano, Chiara Callegaro, Massimiliano Mattei, Elena Braccalenti, Paola Albonico, Andrea Dato, Martin Bartosek, Elena Kosourova (eni)

EOR A06/272
CHARACTERISATION AND RHEOLOGICAL STUDY OF XANTHANPOLYMER FOR ENHANCED OIL RECOVERY (EOR) APPLICATION
Sofia Ghomrassi-Barr (Sonatrach), Djamel Alicouche (M’hamed Bougoura University)
SPECIAL SESSION

OMC 2015 - FRIDAY 27th March 2015
OFFSHORE REGULATIONS AND TECHNOLOGIES: FIVE YEARS AFTER MACONDO

9.00 INTRODUCTION:
Giovanni De Santi, EC Director Joint Research Centre Institute for Energy and Transport

9.10 POST MACONDO REGULATIONS: INITIATIVES IMPLEMENTED IN THE HOSTING COUNTRIES
Croatia - Alen Leveric, Deputy Economy Minister
Cyprus - Toula Onoufriou, President of Cyprus Hydrocarbons Company
Italy - Franco Terlizzese, D.G. Ministry of Economic Development

10.10 THE DIRECTIVE 2013/30/EU ON SAFETY OF OFFSHORE OIL AND GAS OPERATIONS: LEGAL ASPECTS AND IMPLICATIONS
Massimiliano Grimaldi, Francesca D’Orsi, Grimaldi Studio Legale, Genova (Italy)

10.30 DISCUSSION

10.50-11.10 COFFEE BREAK

11.00 INTRODUCTION:
Roberto Ferrario, Tecnology Project Manager, Tecnomare

11.20 OFFSHORE OPERATORS CAPABILITY: ORGANIZATION, MEANS AND PROCEDURES
Pietro Cavanna, President Italian Petroleum Industry Association - Hydrocarbon Section

11.40 CAPPING AND PRESSURE PROTECTION, POST MACONDO #466
Dennis Lingo, Director Business Development Trendsetter Engineering

12.00 EVOLVING OIL SPILL RESPONSE LIMITED TO MEET CHANGING INDUSTRY NEEDS
Matt Clements, Subsea Well Intervention Services Director

12.20 OFFSET INSTALLATION EQUIPMENT FOR EMERGENCY INTERVENTION ON SUBSEA BLOWOUT
Matteo Scarpa, Project Manager Saipem

DISCUSSION AND CONCLUSIONS
THURSDAY 26th March 2015 - ARENA
INDUSTRY AND STUDENTS: GETTING TO KNOW EACH OTHER

11.00 - 12.45
COMPANY PRESENTATIONS

14.00
Azzurra Agostini, Politecnico di Milano
14.06
Serena Bortot, Università degli Studi di Ferrara
14.12
Konstantinos Chrisou, The University of Aberdeen (UK)
14.18
Fabio Calantonio, Università degli Studi “G. d’Annunzio” CH-PE
14.24
Matteo Compagnoni, Università degli Studi di Milano
14.30
Andrea Franceschini, Università degli Studi di Padova
14.36
Alessio Fumagalli, Politecnico di Milano
14.42
Luca Gambirasio, Università degli Studi di Bergamo
14.48
Stefano Langè, Politecnico di Milano
14.54
Gianluca Longoni, Università degli Studi Milano-Bicocca
15.00
Andrea Maniscalco, Politecnico di Milano
15.06
Adrià Moreno Miquel, Università di Bologna
15.12
Leili Moghadas, Politecnico di Milano
15.18
Akposibruke Oghenewogaga, Politecnico di Torino
15.24
Elisa Panza, Università degli Studi della Basilicata
15.30
Peyman Sabahfar, Università di Bologna
15.36
Michele Starni, Università di Bologna
15.42
Concetta Ruocco, Università degli Studi di Salerno
15.48
Chukwuemeka Uzukwu, The University of Aberdeen(UK)
15.54
Paolo Zanini, Politecnico di Milano
16.00
Claudia Zoccarato, Università degli Studi di Padova

16.15-17.20
COMPANY PRESENTATIONS
AWARD CEREMONY - 5 Minute Speech Contest

YOUTH PROGRAMME

WORKSHOPS

16.30/18.00 - ROOM A
WEDNESDAY 25th MARCH
ASSOMINERARIA

16.30/18.00 - ROOM D
THURSDAY 26th MARCH
ASSOMINERARIA

SUBSEA CONSTRUCTION VESSELS
MARKET, DESIGN, OPERATION.
By ROSETTI MARINO

CHAIRPERSON:
Ognjen Antunac, ROSETTI MARINO
Shipbuilding Sales Manager

ROSETTI SHIPBUILDING YARD -
CAPABILITY OF BUILDING SUBSEA VESSELS
Ognjen Antunac, ROSETTI MARINO
Shipbuilding Sales Manager

MARKET OVERVIEW OF SUBSEA VESSELS
Finn Essendrop, MAERSK BROKERS KS
Senior Broker

SUBSEA CONSTRUCTION VESSELS -
CHALLENGES AND OPPORTUNITIES
IN A VOLATILE MARKET
Yrjar Garsho, ROLLS-ROYCE MARINE AS
Vice President  Marketing - Commercial Marine

AHC CRANES - MISSION CRITICAL
EQUIPMENT IN SUBSEA OPERATIONS
Mario Greiner, GREINER MARINE CONSULTING
President

CASE STUDY - PROJECT SPECIFICATION FOR
A VESSEL TO MEET SURF AND ULTRA-DEEP
WATER INSTALLATION REQUIREMENT
Carlo Fusè, SAIPEM
Asset Project Manager

COMPANY PRESENTATIONS

AWARD CEREMONY - 5 Minute Speech Contest
SIDE EVENTS

9.30/15.30
WEDNESDAY 25TH MARCH
B28 AREA

Organised by Eurosportello-Chamber of Commerce of Ravenna, in cooperation with the Enterprise Europe Network and the SIMPLER consortium.
For info: Booth 2 G1.

11.00/13.00
WEDNESDAY 25TH MARCH
PRESENTATION GALLERY

HONEYWELL
Find out about the latest intuitive gas detection products offering unrivalled safety standards and productivity at OMC as Honeywell presents Touchpoint Pro and ConneXt - the intelligent wireless gas detection solution. Touchpoint Pro represents the next evolution in industrial safety control offering total flexibility, intuitive use and the ability to dramatically reduce ongoing costs, whilst ConneXt combines 24/7 wireless portable monitoring, GPS-based man-down tracking and real-time data delivery.

14.30 / 16.00
WEDNESDAY 25TH MARCH
PRESENTATION GALLERY

CORTEM GROUP
Dimensional criteria for the design of ‘Ex d’ and ‘Ex e’ junction boxes for Panel Boards addressed to Hazardous Areas
The purpose of the workshop is to focus and analyze the main issues relevant to the correct design of ‘Ex d’/’Ex e’ electrical panel boards for light, power distribution and starter depending on the hazardous areas classification, the temperature class and the design temperature.

SIDEVENTS

16.30 / 18.00
WEDNESDAY 25TH MARCH
PRESENTATION GALLERY

ENERPAC
Enerpac’s focus is to provide our customers with a comprehensive package of high pressure hydraulic equipment, tools and Integrated solutions – that increase productivity and make work safer and easier to perform.

14.30/18.00
THURSDAY 26TH MARCH
PRESENTATION GALLERY

FRIIDLE
Fridle Group srl in cooperation with Precision Polymer Engineering (PPE) are organizing a series of educational seminars at OMC, covering the latest advances in elastomer sealing technology for demanding oil and gas applications.

9.00/10.40
FRIDAY 27TH MARCH
PRESENTATION GALLERY

TÜV Rheinland®

1. Presentation of the Notified Body and its main activities
2. Description of PED 97/23/CE, Atex 94/9/CE (products) an Atex 99/92/CE activities
4. Safety Life Cycle: systemic approach
5. Details on SIL: SIL allocation and SIL verification
6. SIL Levels
7. Who is interested in Functional Safety activities
8. Quick examples on these matters

9.00/13.00
FRIDAY 27TH MARCH
SALA VERDE

Annual Meeting AIPE
AIPE is the Italian Association which groups together the main companies operating in the Pressure Equipment industry. Founded on July 2014, the non-profit organization is based on the cooperation among companies, scientific institutions and universities (both national and international) in order to boost technological development through research and innovation. For further information please visit info@aipe.it, www.aipe.it

HEMPEL
AvantGuard® - innovative anti-corrosion technology by Hempel.
Rubén Palomo, Product and Business Development Manager
Hempel introduces AvantGuard®, a new innovative anti-corrosion technology, based on activated zinc and locked into our new range of high performance protective coatings.

AvantGuard® is:
• Redefining protection
• Redefining durability
• Redefining productivity
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11.00/13.00
FRIDAY 27TH MARCH
ARENA

FUNDAMENTALS OF MULTIPHASE FLOW IN EOR
Ruben Juanes, MIT, USA

PORE-SCALE IMAGING AND MODELLING: A REVOLUTION IN OUR UNDERSTANDING OF MULTIPHASE FLOW
Martin Blunt, Imperial College London
MAR - CITY ART GALLERY
Via Roma, 13 - www.mar.ra.it
Open till 21.00. At 18.00, 19.00, 20.00 guided visits to the temporary Exhibition “Il Bel Paese”
+ Permanent Collection (no booking required).
■ TICKETS: 9 euros
■ CONCESSIONS: 7 euros
■ UNIVERSITY STUDENTS: 4 euros

Il Bel Paese - Italy from the Risorgimento to the First World War, from Macchiaioli to Futurists. This exhibition aims to show Italian landscapes, culture and society as it was painted from the Risorgimento to the Great War, the 100th anniversary of which is commemorated in 2015. The show offers a rare glimpse at the daily life of the country through over 100 masterpieces bearing witness to the extraordinary scenic and historical beauty of “how we were” up until the dawn of industrialization. The show begins with a section on Risorgimento, with paintings by Induno, Fattori, Lega and Guaccimanni. The journey through the Italian peninsula continues with works by some of the period’s most important artists like Fontanesi, Caffi, Bianchi, Palizzi, Previati and Segantini: alpine peaks, lake scenes, shorelines and views of picturesque cities such as Venice, Florence, Rome and Naples included in the Grand Tour, also depicted by some leading foreign artists of the second half of the 1800s.

DOMUS DEI TAPPETI DI PIETRA
Via Barbiani - www.ravennatica.it

Domus of the Stone Carpets is one of the most important Italian archaeological sites discovered in recent decades. The Domus was opened in October 2002 and received the Bell’Italia award in 2004.

Covering an extensive area three metres below street level in the 18th-century church of Santa Eufemia, the Domus of the Stone Carpets comprises 14 rooms paved with marvellous polychrome mosaics and marbles. The original Byzantine domus was a private residence from the 5th/6th centuries.

Visitors to the Domus of the Stone Carpets can admire splendid mosaic floors decorated with geometric, floral, and figurative elements that are considered unique.

TAMO is a museum dedicated to ancient and contemporary mosaics situated in the splendid monumental complex of San Niccolò, a 14th century church and its charming cloisters.

Among the most relevant works hosted in this picturesque setting, it is worth mentioning the original mosaic floors, which come from the major archaeological sites of the surrounding territory and a collection of contemporary mosaics that illustrate verses from Dante Alighieri’s “Divine Comedy”. Via Rondinelli, 2 - www.tamoravenna.it

SPECIAL OPENING
from 10.00 to 23.00
GUIDED TOURS
available at 18.00, 19.00, 20.00 (no booking required)
■ € 7 single ticket to both sites including the guided tour.
■ 20% discount at the bookshop

MAUSOLEO DI GALLA PLACIDIA
AND BASILICA DI SAN VITALE
Special Opening Till 23.00 (Last Entry 22.45)
Via Argentario, 22
TICKET: € 9.50

ANNAFIETTA MOSAIC LAB
anna@annafietta.it
tel. 0039 3427373183 for info and bookings
Make your own mosaic to bring home and learn the basic techniques to cut and paste glass tiles.
10.00 - Byzantine Mosaic replica
15.00 - Contemporary Mosaic (jewellery box or small tray)
21.00 - Both courses available
■ € 45 per course (2 hours), material and tools included.
■ 10% discount on purchases in the shop

PALAZZO RASPONI DALLE TESTE
Piazza Kennedy
Delicatessen market offering products from all over Emilia Romagna region. In cooperation with Apt Romagna. From 18.00 to 22.00
15 Photographers for Anna Magnani Special opening till 22.00
The collection of photographs consists of 30 panels conveying the great acting skills of Anna Magnani, one of the most intense actresses of the Italian cinema, through a long journey in her filmography.

SPECIAL OPENINGS
As well as being one of the most important oil and gas cities in the Mediterranean Sea, Ravenna is rich of monuments from its glorious imperial past, 8 of which are listed as UNESCO world heritage.

GUIDED TOURS
INFO AND BOOKINGS AT THE ON SITE REGISTRATION DESK

▶ WEDNESDAY, 26th MARCH
15.00 Welcome to Ravenna

▶ THURSDAY, 26th MARCH
9.00 Water in, around, under Ravenna
15.00 Waiting for Dante 2021

▶ FRIDAY, 27th MARCH
9.00 Ravenna and its symbols

Ravenna is at the crossroad between S.S. 16 Adriatica, which runs all along the Adriatic coast, Motorway A14 (from Milan and Bologna) and Highway E45/E7, which gets directly to Rome.

Nearest International Airport:
Bologna G.Marconi (1 hour)

SOCIAL EVENTS

AN EXTENSIVE SOCIAL PROGRAMME OFFERS OMC ATTENDEES 3 DAYS OF CULTURAL EXPERIENCES AND A TASTE OF THE LOCAL CUISINE!

■ 24th MARCH - 9.00
GOLF TOURNAMENT
ADRIATIC GOLF CERVIA
All OMC attendees are invited to run for the first prizes of the OMC 2015 Golf Tournament
18 Holes Stableford formula!
This competition is held at the Adriatic Golf Club of Milano Marittima on the day before the opening and it is definitely the best way to start OMC 2015!

■ 24th MARCH - 19.00
WELCOME COCKTAIL
PALA DE ANDRÈ - by invitation only
This is the first social meeting for OMC attendees hosted by the Ravenna Chamber of Commerce: A relaxing evening before the official opening!

■ 25th MARCH - 21.00
GALA DINNER
PALA DE ANDRÈ - by invitation only
OMC Gala Dinner offers a unique networking opportunity in a typical Italian atmosphere

■ 26th MARCH - From 18.00
RAVENNA BELLA DI SERA
RAVENNA CITY CENTRE
All day and night opening of a selection of shops, restaurants and monuments to welcome OMC participants. For further info, please contact the tourist information or reception desks.
OMC 2015 IS HELD UNDER THE HIGH PATRONAGE OF

Italian Ministry of Economic Development
Emilia Romagna Region
Province of Ravenna
Municipality of Ravenna

OME 2015 ATTENDING

GENERAL INFO
OMC working language is English. Simultaneous translation will be provided during the Opening Plenary Session only.

VISITING
Visiting the exhibition is free of charge, the exhibition is open to any interested professionals. Registration desks are open onsite, during exhibition opening hours.

Under 18 are not admitted within the exhibiting area.

PARKING
Free parking areas for visitors are available at the entrance and in the surrounding areas. A free shuttle service is available to/from car parks and the main entrance, running every 10 min. from 9.00 to 18.00. Unattended car parks: OMC declines any responsibility.

CONFERENCE REGISTRATION
Conference participation implies registration fees. All conference attendees are requested to register and pay the registration fees in full before the event or onsite at the conference registration desk.

OCM OPENING HOURS

BADGE COLLECTION AND ON-SITE REGISTRATIONS

- **TUESDAY 24TH MARCH**
  from 9.00 to 18.00

- **WEDNESDAY 25TH MARCH**
  from 8.00 to 17.30

- **THURSDAY 26TH MARCH**
  from 8.00 to 17.30

- **FRIDAY 27TH MARCH**
  from 8.00 to 12.00

CONFERENCE PROCEEDINGS:
additional CDs are on sale at OMC reception desk.

After the event they are available at:

- shop.omc.it
- www.onepetro.org
With engineering, technologies and project management, on land and at sea, we safely and successfully deliver the best solutions for our clients