<table>
<thead>
<tr>
<th>TIME</th>
<th>SESSION NAME</th>
<th>SPEAKER(S)</th>
<th>AUTHOR(S)</th>
<th>PAPER TITLE</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00 - 09:25</td>
<td>Big Data Analytics - Oil &amp; Gas</td>
<td>Stefano Fomiatti</td>
<td>PETROBEL, Egypt</td>
<td>Optimizing hydraulic fracturing design using genetic programming</td>
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<tr>
<td>09:30 - 09:55</td>
<td>Production optimization using nodal system with low suction pressure</td>
<td>Luca De Vincenzi</td>
<td>Digital oil field technologies implementation in mature fields of the Western Desert of Egypt</td>
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<tr>
<td>10:00 - 10:25</td>
<td>Data reconstruction in an offshore exploration well using neural network</td>
<td>Vadim Kolosov</td>
<td>Petrobel, Egypt</td>
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<tr>
<td>11:00 - 11:25</td>
<td>Unlocking Messinian Abu Madi / Baltim Canyon play extension</td>
<td>Dr. Essam Mostafa</td>
<td>ENI, Italy</td>
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<tr>
<td>11:30 - 12:25</td>
<td>The impact of gas water contact presence on the estimation of seismic net</td>
<td>Mohammed Elbany</td>
<td>PETROBEL, Egypt</td>
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<tr>
<td>12:30 - 14:00</td>
<td>Coffee Break</td>
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<tr>
<td>14:00 - 14:25</td>
<td>Impact of information security awareness on oil and gas sector</td>
<td>Mohamed Maghraby</td>
<td>ENPPI, Egypt</td>
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<td>14:30 - 14:55</td>
<td>Development of an analytical predictive model for steam drive method</td>
<td>Matthew Pyett</td>
<td>PGS, United Kingdom</td>
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<tr>
<td>15:00 - 15:25</td>
<td>ESP runlife Improvement through auditing of ESP workshops</td>
<td>Abdul Salam Nagem</td>
<td>PETROBEL, Egypt</td>
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<tr>
<td>15:30 - 16:00</td>
<td>The role of big data analytics in exploration and production benefits and</td>
<td>Mamdouh Salem</td>
<td>Mc Dermott Middle East, Egypt</td>
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<td>16:00 - 16:25</td>
<td>Model uncertainties and challenges configuration for water drive oil reservoir &amp; its</td>
<td>Khaled Shabara</td>
<td>Abu Qir Petroleum, Egypt</td>
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<td>16:30 - 16:55</td>
<td>Optimization for deepwater reservoirs using seismic attributes and Machine Learning</td>
<td>Eng. Lamiaa Abu Shahba</td>
<td>PETROBEL, Egypt</td>
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<tr>
<td>17:00 - 17:25</td>
<td>Egypt’s Potential to Transform into a Regional Gas Hub in the Next Ten Years.</td>
<td>Eng. Khairy Al-Masri</td>
<td>ENPPI, Egypt</td>
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<td>17:30 - 17:55</td>
<td>Deepwater resonance during the installation of subsea hardware</td>
<td>Yasser Nour</td>
<td>Khalda Petroleum, Egypt</td>
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<td>18:00 - 18:25</td>
<td>Condition monitoring using an IIoT-based sparse learning system</td>
<td>Mohamed Salama</td>
<td>PETROBEL, Egypt</td>
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<tr>
<td>18:30 - 18:55</td>
<td>Artificial Intelligence: Inversion algorithms in seismic processing</td>
<td>Mohamed Salama</td>
<td>PETROBEL, Egypt</td>
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### SESSION NAME: EFFICIENT TECHNIQUES IN HYDROCARBON TRANSPORTATION

**YASSER SALAH (GASCO) - MOSTAFA HELAL (EGAS)**

- 09:30 - 09:55
- Optimizing and re-evaluation the flow assurance criticalities
- Case study, Sidi Kerir Petrochemical Co.

**GAD EL QADY (NRIAG) - HATEM EWIDA (PRENCO)**

- 10:00 - 10:25
- Planning for low water production and decrease gas production in a carbonate reservoir
- Damage of a deep well in Western Desert of Egypt

**HASAN ABBADY (PHPC) - COLBY FUSER (HALLIBURTON)**

- 10:30 - 11:00
- Failure modes in reciprocating compressors
- Use of radar sensors in wellbore tools

**ATEF HASAN (PETROBEL) - SAMIR ZAYED (PETROBEL)**

- 11:00 - 11:25
- Solution for gas rate allocation in onshore and offshore applications
- Spectral noise logging. Case study: T4-10 offshore gas well

**OSAMA KAMEL (EDC) - MAGED MOURICE (EPHH)**

- 11:30 - 11:55
- Back to production, important gas well in Desouq area
- Stages, less water, more dollars

**MAGDY GALAL (EGAS) - HESHAM SELIM (ECHEM)**

- 12:00 - 12:25
- New techniques for metal sulfate scale removal from production pipelines
- Unleashing novel vibration signatures corresponding to unconventional working temperatures

**AHMED SHAKER - SAMER IBRAHIM**

- 12:30 - 12:55
- Diagnose and remediate leak in constrained operating conditions brings
- Desouq asset, Alexandria National Refining & Petrochemical Co. (ANRPC), Egypt

### SESSION NAME: SENSORS AND SMART COMPLETION

**YASSER SALAH (GASCO) - MOSTAFA HELAL (EGAS)**

- 09:30 - 09:55
- Monitoring full completion system using advanced sensors liveIntent technology
- Case study, Sidi Kerir Petrochemical Co.

**GAD EL QADY (NRIAG) - HATEM EWIDA (PRENCO)**

- 10:00 - 10:25
- Integrated surface and downhole real-time monitoring systems for long-term production
- Gas production and acidizing treatments in deep wells in the Western Desert of Egypt

**HASAN ABBADY (PHPC) - COLBY FUSER (HALLIBURTON)**

- 10:30 - 11:00
- Challenges of implementing and managing multiple well integrity programs
- Spectral noise logging. Case study: T4-10 offshore gas well

**ATEF HASAN (PETROBEL) - SAMIR ZAYED (PETROBEL)**

- 11:00 - 11:25
- Spectral noise logging. Case study: T4-10 offshore gas well
- Stages, less water, more dollars

**OSAMA KAMEL (EDC) - MAGED MOURICE (EPHH)**

- 11:30 - 11:55
- Spectral noise logging. Case study: T4-10 offshore gas well
- Stages, less water, more dollars