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FPSO ENGINEERING & DESIGN

10 – 11 September 2019 • Marina Bay Sands, Singapore

Advancing FPSO Engineering and Design to Maximise Performance and Returns



**BY ENGINEERS FOR
ENGINEERS. HEAR FROM:**



The **Future FPSO Engineering and Design Theatre** highlights new opportunities for engineers and showcases advancements made to improve FPSO project economics, operating efficiencies and asset lifecycle management through structured technical presentations on the below FPSO modules:

- Turrets & Moorings
- FPSO Hull Design
- → Subsea Engineering
- Topside Process Modules
- Power & Utility

Researched & Developed By:



Endorsed & Supported By:



Theatre Agenda Day One – 10 September 2019, Tuesday

0915 - 0955	Theatre Registration
0955 - 1000	Welcome Address by the Theatre Chairman Mahaveer Prabu Thangaraj, FPSO – Automation Engineer, Equinor
1000 - 1045	Designing Minimalist & Cost-Effective FPSOs Nazim Rosli, Technologist & Economics Researcher (Engineer, CENG FIMECHE), Leading Engineering, Design & Technology Company
1045 – 1130	Detailed Design & Construction of an FPSO Hull System Deokki Kim, Project Manager, Hyundai Heavy Industries
1130 - 1135	5 Tickets to be won for Day-2, FPSO World Congress 2019 (Draws will take place at FPSO Engineering & Design Theatre)
1135 – 1230	Break
1230 – 1315	Co-Creation of Future FPSO Solutions with the Industry Prof. Allan Magee, Director - Operations, Technology Centre for Offshore and Marine Singapore (TCOMS)
1315 - 1400	Harnessing the Power of IoT & Big Data during the FPSO Engineering Phase Mahaveer Prabu Thangaraj, FPSO – Automation Engineer, Equinor
1400 – 1405	5 Tickets to be won for Day-1, Cocktail Reception at FPSO World Congress 2019 (Draws will take place at the FPSO Engineering & Design Theatre)
1405 - 1430	Break
1430 - 1515	Using Asset Management System in FPSO Maintenance & Integrity Luiz Arruda, Maintenance Supervisor, Energy Company from Brazil Carlos do Carmo, Offshore Installation Manager, Energy Company from Brazil
1515 - 1600	The Use of Integrated Monitoring System to Enhance FPSO Operational Performance & Safety Dr.-Ing. Mohamad Fauzan Amir, Special Task Force – Upstream Oil & Gas Business Activities, SKK Migas
1600 - 1615	Grand Prize Giveaway for Exhibitor Challenge (Draw will take place at FPSO Engineering & Design Theatre)
1615	End of Day One Theatre

Theatre Agenda Day Two – 11 September 2019, Wednesday

0915 - 0955	Theatre Registration
0955 - 1000	<p>Welcome Address by the Theatre Chairman Laura Fonseca, Commissioning & Process Engineer, Vinci Energies</p>
1000 - 1045	<p>Designing an Unmanned & Low-Manned Floating Production Facilities to Enable Phased & Marginal Field Developments Duncan Peace, Group Managing Director, Cron dall Energy</p>
1045 – 1130	<p>Using Human Factors Engineering During FPSO Design Phase Rodrigo Coura, Managing Director, Qiji Group</p>
1130 - 1135	<p>2 Tickets to be won for FPSO World Congress 2020 (Draws will take place at FPSO Engineering & Design Theatre)</p>
1135 – 1230	Break
1230 – 1315	<p>Exploring Energy Savings on FPSO Units Laura Fonseca, Commissioning & Process Engineer, Vinci Energies</p>
1315 - 1400	<p>Delving into Lean Acid Gas Treatment in Offshore Facilities Suryo Birowoj, Seniro Head of BD Field Operation/ Offshore Installation Manager, Husky-CNOOC Madura Limited (HCML)</p>
1400 – 1405	<p>2 Tickets to be won for FPSO World Congress 2020 (Draws will take place at FPSO Engineering & Design Theatre)</p>
1405 - 1430	Break
1430 - 1515	<p>Produced-Water Debottlenecking to Maximise Oil Production Prof. Loh Wai Lam, Associate Professor, National University of Singapore</p>
1515 - 1600	<p>Compact Oil Separation Design Solutions for FPSOs Prof. Loh Wai Lam, Associate Professor, National University of Singapore</p>
1600 - 1615	<p>Grand Prize Giveaway for Exhibitor Challenge (Draw will take place at FPSO Engineering & Design Theatre)</p>
1615	End of Day Two Theatre