

# ADVANCING SUSTAINABLE ENERGY

5<sup>th</sup> GPE Open Days

Technical, Scientific and Business Energy Forum



## AGENDA

Auditorium

Beijing Room

Plenary Opening

**08:30 - 08:35** — Welcome and safety moment  
**Welcome & safety moment**  
*Galp*

**08:35 - 09:00** — Opening Speech  
**Thore E. Kristiansen**  
*Galp*

**09:00 - 10:00** — Short and Long Term Balancing of the Oil Market through the Energy Transition  
**David Hobbs**  
*KAPSARC*

**10:00 - 10:30**

**Coffee Break & Posters**

*Subsea7 + TechnipFMC + Galp + Pipe Pilot + Abyssal DEMO*

**Macau Room**

Energy Trends & Challenges

*Chairperson: Mark Stearnes*

**10:30 - 11:00** — From Global Energy Transition to Elon Musk, Robots and “RenTechs”  
**Philippe Vié**  
*Capgemini*

**11:00 - 11:30** — Lower No Longer: The Contours of Crude Oil’s Next Era  
**Danilo Bandiziol**  
*SPROULE*

**11:30 - 12:00** — Turning Environmental and Social challenges in opportunities Floating Liquefied Natural Gas (FLNG) unit Project in Area 4 of the Rovuma Basin Mozambique – Eni and Galp  
**Paula Gonzalez**  
*ERM*

Flow Assurance

*Chairperson: Jorge Trujillo*

**10:30 - 11:00** — The Hammertech AquaField™ – a unique, low cost water fraction & conductivity measurement for multiphase applications  
**Finn Erik Mohn Berge**  
*Hammertech*

**11:00 - 11:30** — Improving an advanced transient multiphase flow simulator with focussed R&D  
**Mike Branchflower**  
*Kongsberg*

**11:30 - 12:00** — UT In-Line-Inspection Technologies For Multi-Diameter And Challenging To Inspect Subsea Pipelines  
**Rafael Huguenin Stefan Papenfuss**  
*Quest Integrity*

**12:00 - 13:30**

**Lunch**

**Macau Room**

Auditorium

Beijing Room

Subsea Design

Chairperson: Joana Sanches

G&G

Chairperson: Miles Leggett

13:30 – 14:00

**Birte Johannessen**  
NOV

Innovative Subsea Storage Solution enables increased Hydrocarbon Recovery from Offshore Field Developments

13:30 – 14:00

**Jean-Luc Formento**  
CGG

4D seismic for reservoir management: some examples of time-lapse seismic and permanent reservoir monitoring

14:00 – 14:30

**Jeremy Auer**  
**Christophe Viellard**

Onesubsea / Subsea7

Optimized use of subsea technology with an integrated approach

14:00 – 14:30

**Joost Bakker**  
PGS

Modern Acquisition Techniques

14:30 – 15:00

**Teofilo Barbosa**  
Airborne

Thermoplastic composite pipes for deepwater

14:30 – 15:00

**Alejandro Ganzo**  
BHGE

Multi-scale Geomechanics: How Much Model Complexity is Enough?

15:00 – 15:30

**Hans Henrik Fjellidal**  
Subsea Design

SeAlign™ – ROV operable Misalignment Tie-in Connection system for all water depth

15:00 – 15:30

**Sérgio Cersosimo**  
Galp

Artificial intelligence in geosciences

15:30 - 16:00

**Coffee Break & Posters**

Subsea7 + TechnipFMC + Galp + Pipe Pilot + Abyssal DEMO

Macau Room

Innovation

Chairperson: Marta Silva

Marine

Chairperson: Miguel Palma

16:00 – 16:30

**Vinicius Girardi**  
ESSS

Brazilian pre-salt technical and regulatory challenges & new flow assurance simulation solutions

16:00 – 16:30

**Kazuo Nishimoto**  
USP

A set-based approach for FLNG initial design

16:30 – 17:00

**Raphael Naghirniac**  
Aker Solutions

Aker Solutions view on Innovation & Technology – Digitalization

16:30 – 17:00

**Tiago Fernandes**  
VeraNavis

Ship structural assessment

Auditorium

Beijing Room

17:00 – 17:30  
**Carlos Martins Andrade**  
*Galp*

Alternative views on new energy production and uses

17:00 – 17:30  
**Umberto Viviani**  
*SBM*

Fast4ward™: better performance, delivered faster. An analysis of SBM Offshore FPSO standardization project

Closing Session

17:35 – 17:50  
**Daniel Elias**  
*Galp*

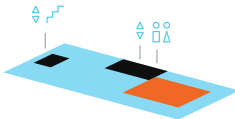
Closing session

17:50 - 19:00

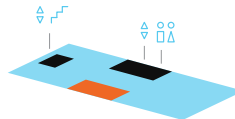
Cocktail

Macau Room

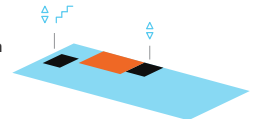
Auditorium  
*Level 5*



Macau Room  
*Level 5*



Beijing Room  
*Level 4*



Auditorium

Beijing Room

Key Speaker: Industry trends

Chairperson: Roland Muggli

08:30 - 08:35 Safety moment

Safety moment

Galp

08:40 - 09:30 Post-Paris: Renewables or

Harrie Vredenburg

University of Calgary

gas-fired power?

09:30 - 10:00

Coffee Break & Posters

Colorado School of Mines + UFRJ + IPT + ERM + Lankhorst + Abyssal DEMO

Macau Room

Sub-Surface

Chairperson: Walter Waes

10:00 - 10:30 Better Decisions Through

Arne Skorstad

Paradigm

Integration of Static to  
Dynamic uncertainties

10:30 - 11:00 PRMS 2018 Update: What

Reggie Boles

DEMAC

to Expect

11:00 - 11:30 Machine Learning in the Oil

Marco Ferraz

Galp

and Gas Industry

11:30 - 12:00 Enhanced Reservoir

Taoufik Manai

SLB

Characterization using  
seamless S2S integrated  
workflow

Subsea

Chairperson: Filipa Martins

10:00 - 10:30 Subsea Seawater  
Treatment and Injection –  
next generation systems  
for increased oil recovery

Jose Plasencia

BHGE

10:30 - 11:00 SPRINGS®: New  
Qualified Subsea  
Seawater Treatment  
and Injection

Riccardo Giolo

Aur lie Berthelot

Saipem

Graeme Skivington

Veolia

11:00 - 11:30 New challenges for subsea  
gas/liquid separation

Hermes Machado

Technip FMC

11:30 - 12:00 Innovation in  
Decommissioning

Mark Lauder

JEE

12:00 - 13:30

Lunch

Macau Room

Auditorium

Beijing Room

D&C

Chairperson: Bruno Levy

13:30 – 14:00

**Hélio Santos**

SafeKick

Improving Safety and Efficiency during Well Construction

14:00 – 14:30

**Igor Brucher**

Transocean

Data Analytics applied to rig floor equipment to improve performance on offshore drilling rigs

14:30 – 15:00

**Paul Deutch**

Foro Energy

High Power Laser Applications in Oil & Gas Industry

15:00 - 15:20

Digitalization

Chairperson: Jorge Trujillo

15:20 – 15:50

**Elgonda la Grange**

Siemens

Topsides 4.0 – A Digital Lifecycle Approach to Offshore Oil and Gas Production

15:50 – 16:20

**Frederic Tonnaire**

AspenTech

Digitalize Oilfields to create context that significantly enhances process analysis and operational excellence

16:20 – 16:50

**Rob Pickles**

SLB

Digitalization of Field Development Planning to shorten time to market

Safety & Asset Integrity

Chairperson: António Fonseca

13:30 – 14:00

**Mariana Carvalho**

IOGP

IOGP's Project Safira and the Life-Saving Rules

14:00 – 14:30

**Marcelo Mendes**

Shell

Asset Integrity and Process Safety Management for Non-Operated Assets in Brazil Summarized view of Shell Approach and New Developments

14:30 – 15:00

**Fabien Treillaud**

DNV GL

Asset Performance Management 4.0

Coffee Break & Posters

Colorado School of Mines + UFRJ + IPT + ERM + Lankhorst + Abyssal DEMO

Macau Room

Global Trends and Innovation

Chairperson: Diogo Gimenez

15:20 – 15:50

**Diogo Pires**

Aptuide

Blockchain: Concept, Challenges and the AppCoins Experience

15:50 – 16:20

**Carol M. Piovesan**

APO Offshore

The Value of Using Artificial Intelligence and Machine Learning to Reduce Operational Costs

16:20 – 16:50

**Joaquim Jorge**

IST

Virtual and Augmented Reality for Oil & Gas

Auditorium

Beijing Room

Key Speakers: Industry Trends

Chairperson: Tiago Villas-Boas

16:55 – 17:45

Brian Sullivan

IPIECA

The crucial role of Oil and Gas in Sustainable Development and Climate Change

Closing Session

17:45 – 18:00

Carlos Gomes da Silva

Galp

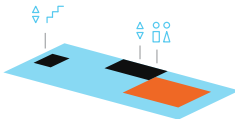
Closing session

18:00 - 19:00

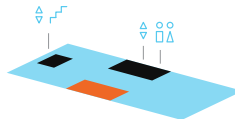
Farewell Cocktail

Macau Room

Auditorium  
Level 5



Macau Room  
Level 5



Beijing Room  
Level 4

