In the recent volatile oil price environment, High Pressure/High Temperature (HPHT) wells were considered luxury investments for worldwide industry players that were once champions in delivering efficient HPHT well operations. The situation has now evolved beyond the question of how cheap this type of well can be delivered but towards how many less risky and less complicated wells can be delivered in place of one HPHT well. Since the onset of lower oil prices, major players have identified USD80/bbl as the threshold global oil price that will trigger further HPHT investment. Less effort was made, however, to find the turning point in making HPHT well opportunities as lucrative as those of less challenging wells.

With more fields maturing and lower drilling activities coupled with the challenge to sustain oil production for worldwide demand, HPHT wells are seen as tempting and the urge to develop this type of well has become a dilemma for major operators. The Asia Pacific region has seen a sudden drop in HPHT activities since 2016, ranging from exploration and appraisal to fully-fledged development campaigns.

A drastic but measured step needs to be taken to overcome this dilemma. In recent years, there has been an effortless approach in reducing the cost of an HPHT well. Cost reduction has not been taken seriously as avoiding HPHT wells seemed to be the easy way out. To address this, collaborative optimisation and cost-effectiveness can be the themes going forward. This workshop serves as the best platform to share experiences and new ideas amongst operators, service providers and regulating bodies to eradicate the perception that HPHT wells must be complicated and at a premium cost. Sharing of common experiences across the globe drives the ability to cope with new challenges, sparks innovation, and deepens the horizon of hydrocarbon discovery through HPHT well operations and the ability to deliver best-in-class HPHT wells. This workshop aims to highlight and advance the themes of collaborative optimisation and cost-effectiveness to progress the viability and deliver best-in-class HPHT wells.

Session Highlights

<table>
<thead>
<tr>
<th>HPHT Industry Standards and Guidelines</th>
<th>HSE and Risk in HPHT - Cost-benefit Analysis in Well Integrity</th>
<th>Subsurface Opportunities and Challenges</th>
<th>Cost-Effective HPHT Well Design</th>
<th>Well Construction</th>
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<tbody>
<tr>
<td>HPHT Completions, Production and Well Intervention</td>
<td>Bridging the Competency Gap in HPHT</td>
<td>HPHT - Delivering Cost Effective and Optimised Wells</td>
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</tbody>
</table>

Who Should Attend
Professionals involved in:
- Drilling, Completions and Well Testing
- Drilling Fluid and Cementing
- Managed Pressure Drilling
- Measurement While Drilling (MWD) / Logging While Drilling (LWD) / E-Log
- Production and Asset Management
- Regulatory bodies
- Subsea System
- Subsurface Interpretation and Modelling
- Tubular Design and Material Selection
- Well Control
- Well Design Verification
- Wellhead Design

Technical Programme Committee

**CHAIRPERSONS**

- Jumasri Terimo
  General Manager – Wells Delivery Malaysia
  PETRONAS Carigali Sdn Bhd
- Noor Azree Bin Nordin
  Senior Well Engineer – Contracts Team Lead
  Sarawak Shell Bhd

**COMMITTEE MEMBERS**

- Martin Cullen
  Director
  Blade Energy
- Terje Ivar Vastveit
  Regional Manager Far East
  Cubility Malaysia Sdn Bhd
- Raul Navarro-Mascarell
  Regional Technical Manager
  Asia Pacific-Baroid
  Halliburton
- Habil Akram Rosland
  Regional Well Engineering Solutions Manager
  Halliburton Consulting – Asia Pacific
- Mohd Farris Bin Bakar
  Staff Completions Engineer
  PETRONAS
- Anas Mohamed Sofian
  Staff Drilling Engineer
  PETRONAS Carigali Sdn Bhd
- Khairul Anwar Nasrudin
  Wells Manager
  PETRONAS Carigali Sdn Bhd
- Yap Yun Thiam
  Principal Well Engineer
  PETRONAS Carigali Sdn Bhd
- Benoit Deschamps
  Global Applications Engineering Manager
  Rubicon Oilfield International
- Lau Chee Hen
  Well Integrity Technology
  Schlumberger
- Phan Van Chinh
  Drilling Engineering Manager
  Schlumberger
- Mohamed Reda Akdim
  Technology Director
  TechnipFMC
- Sebastien Cochet
  Marketing & Technical Sales Director
  Vallourec Asia Pacific
- James Riddoch
  Regional Manager – Asia Pacific
  WWT International

**GROUP REGISTRATIONS AVAILABLE!**
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go.spe.org/19WM03BR

**SESSION HIGHLIGHTS**

- HPHT Industry Standards and Guidelines
- HSE and Risk in HPHT - Cost-benefit Analysis in Well Integrity
- Subsurface Opportunities and Challenges
- Cost-Effective HPHT Well Design
- Well Construction
- HPHT Completions, Production and Well Intervention
- Bridging the Competency Gap in HPHT
- Tubular Design and Material Selection
- Well Control
- Well Design Verification
- Wellhead Design
Workshop Objectives
This workshop will provide a platform for E&P industry practitioners of various disciplines, service providers, regulators as well as academicians and researchers to interact, discuss and share concerns and experiences with respect to delivering HPHT wells in a volatile oil price environment and to uphold good practices in operations and HSE, while increased efforts are also focused on optimising the cost of HPHT wells.

WORKSHOP STATISTICS
- 10+ hours of peer-to-peer networking opportunities
- 30+ hours of knowledge sharing and technical discussion
- 30 expert-led technical discussion topics

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Technical Programme Preview

TUESDAY, 31 JULY 2018

0800 – 0850  Arrival of Delegates and Registration
0850 – 0900  Safety Announcement by Hotel
0900 – 0930  Session 1: Welcome and Introduction
             Co-Chairs: Jumarsi Terimo, PETRONAS Carigali Sdn Bhd;
               Noor Azree Bin Nordin, Sarawak Shell Bhd
0930 – 1000  Keynote Session
1000 – 1030  Group Photo / Coffee and Tea Break
1030 – 1230  Session 2: HPHT Industry Standards and Guidelines
             Session Managers: Yap Yun Thiam, PETRONAS Carigali Sdn Bhd;
               Martin Cuien, Blade Energy

The discovery of HPHT fields in Asia Pacific, the North Sea, US land, Gulf of Mexico and numerous other places around the world during the last three decades has led to a new class of “critical” wells. These wells pose significant challenges during all phases of a well’s life cycle. Since HPHT wells are often characterised by extreme pressures and temperatures (usually at great depths) coupled with small pore pressure-fracture gradient margins, the casing design demands that high dimensional efficiency is maintained. Small radial clearances significantly impact several design and operational aspects such as running casing and liners, equivalent circulating densities (ECD), mud losses, and cementing efficiencies. To harmonise approaches to drilling and operating HPHT wells, this session will review existing standards for HPHT well engineering design and operations for the full field life cycle. It will explore potential gaps that may exist in these standards and regulations with respect to:
- Equipment and materials selection
- Design verification and validation
- Drilling and completions operational practices

This session will also explore regional differences in HPHT standards and regulations, with a focus on Asia Pacific.

1230 – 1330  Networking Luncheon
1330 – 1530  Session 3: Subsurface Opportunities and Challenges
             Session Managers: Habil Akram Rosland, Haliburton Consulting - Asia Pacific; James Riddoch, WWT International

A good understanding of the subsurface pressure system in HPHT geological environments is crucial to promote safe and optimised sustainable investments. Drilling wells under this challenging condition places greater emphasis on geomechanics and hydraulics modelling as the rate of pressure increases in the subsurface can be huge. In Brunei, for example, an increase in overpressure of 220 bar (3200psi) has been reported across a shale only 17m (55 feet) thick. There have been reports of a greater than 230bar (3300psi) increase in overpressure over 60m vertical section at the base of the sand-rich facies in the Gulf of Mexico. The increase in overpressure can lead to a very narrow drilling window. The high pressures and temperatures add complexity which needs to be assessed pre-drill and captured in the well planning process.

During the initial years of HPHT production, reservoir pressures could also drop rapidly and depletion of the reservoir, in combination with the high compressibility of the reservoir rock, will result in compaction, deformations

POSTER SOLICITATION & INFORMATION
All participants are encouraged to prepare a poster for the Workshop. Presentations on both research and field experience are welcomed. Posters, including unconfirmed / partial results, are to be presented at an assigned time and are open for discussion. Posters will be on display for the entire Workshop period.

When preparing your poster:
- Avoid commercialism. No mention of trademarks / product name
- Poster size should be approximately 0.8m x 1.2m (W x H) or size A0 in portrait layout
- Identify topic by title, affiliation, address, and phone number
- Include a brief abstract that summarises the technology to be addressed
- Make the display as self-explanatory as possible
- Place the information in sequence: beginning with the main idea or problem, method used, results, etc. (Draw a plan keeping the size and number of illustrations in mind)
- Keep illustrations simple by using charts, graphs, drawings, and pictures to create interest and visually explain a point
- Use contrasting colours
- Use large print for narrative materials. (We suggest a minimum of 24 points or 3” high letters for the title)

*Note that the Workshop Programme Committee will review all poster abstracts / materials prior to display, and reserves the right to refuse permission to display any poster considered to be commercial in nature. If you are interested to participate, please email your proposed topic with a short abstract (between 200-300 words) to Renee Wong at rwnong@spe.org by 29 June 2018.*

The Society of Petroleum Engineers (SPE) is a not-for-profit organisation. Income from this event will be invested back into SPE to support many other Society programmes. When you attend an SPE event, you help provide even more opportunities for industry professionals to enhance their technical and professional competence. Scholarships, certification, the Distinguished Lecturer programmes, and SPE’s energy education programmes Energy4me are just a few examples of programmes that are supported by SPE.
During the initial years of HPHT production, reservoir pressures could also drop rapidly and depletion of the reservoir, in combination with the high pressures and temperatures add complexity which needs to be assessed pre-drill and captured in the well planning process. This session will offer unique insights gained from years of experience and share case studies from around the globe. It will review all known HPHT challenges, explore common and uncommon characteristics and suggest key considerations that may be required while planning an HPHT well.

**1530 – 1545** Coffee and Tea Break

**1545 – 1745** Session 4: Cost-Effective HPHT Well Design

Session Managers: Anas Mohamad Sofian, PETRONAS Carigali Sdn Bhd; Sebastien Cochet, Vallourec Asia Pacific

HPHT brings an additional dimension of challenge to well design and techniques deployed to overcome the technical limitation of current technologies. During the last three years, the oil and gas industry has faced strong pressure to reduce operational cost and develop cost-effective HPHT well designs. This session will focus on aspects of well design techniques from understanding uncertainties and design limits, selections of fluids (from drilling, completion, stimulation to cementing), as well as adopting cutting-edge, cost-effective technologies (MPD, etc) and solutions to improve safety, effectiveness and efficiency in HPHT environments.

**1745 - 1845** Session 5: Breakout/Poster Session

**1845 onwards** Welcome Dinner

**WEDNESDAY, 1 AUGUST 2018**

**0830 – 1030** Session 6: Well Construction

Session Managers: Benoît Deschamps, Rubicon Oilfield International; Van Phan Chinh, Schlumberger

The HPHT environment inherently challenges the well construction process along the successive and complementary drilling, cementing and completion operations. While high temperature challenges the downhole equipment performance and reliability, it also strongly impacts drilling and completions fluids, such as the cementing slurry behaviour. Additionally, the narrow pressure margin between over-pressured formations and fracture gradient will require, from the operator, accurate predictions of downhole fluid pressure, rigorous surface monitoring and alignment on drilling, deployment and cementing practices. This session will discuss the latest innovative downhole technologies and surface equipment, engineering modelling capabilities, and industry best practices required to bring additional value to the HPHT well construction process. The aim is to increase operational efficiency and safety, reduce uncertainties and risks along the well life cycle, and ultimately improve the financial returns for operators in such a challenging environment.

**1030 – 1045** Coffee and Tea Break

**1045 – 1245** Session 7: HSE and Risk in HPHT – Cost-benefit Analysis in Well Integrity

Session Managers: Lau Chee Hen, Schlumberger; Terje Ivar Vatnevik, Cubility Malaysia Sdn Bhd; Raul Navarro-Mascarel, Halliburton

As the oilfield continue drilling more HPHT wells, well integrity has become more prominent than ever. Well integrity has become the industry’s “trending topic”, and it is inevitable that HSE and integrity are always well aligned and a strong well integrity plan in HPHT wells must always adhere to regulatory requirements and HSE standards. This session will discuss various efforts to drill and cement a well safely, taking into account HSE risks, cost optimisation and all well barriers’ new technology in a HPHT environment.

**1245 – 1345** Networking Luncheon

**1345 – 1545** Session 8: HPHT Completions, Production and Well Intervention

Session Managers: Mohd Farris bin Bakar, PETRONAS; Mohamed Reda Akiidm, TechnipFMC

Managing the various challenges when drilling a HPHT well requires new operational procedures, careful equipment selection and qualification testing, rigorous equipment qualification, and the use of conventional materials and fluids. This includes material selection to withstand high stress environment (robust tubing stress analysis), high operating temperatures, compatibility of the material (O-ring, elastomer etc.), chemical reactivity of well fluids and the effects enhanced by the elevated temperatures, narrow margins between the boundaries of load uncertainties and equipment material rating, and fit-for-purpose completion design to provide maximum productivity and maintain well integrity.

This session will address the different technologies available today that can be utilised to support operators to increase completions and production efficiency, integrity, and reliability. Case studies will be shared to address lessons learnt from recent successful HPHT completions.

**1545 – 1600** Coffee and Tea Break

**1600 – 1700** Session 9: Bridging the Competency Gap in HPHT

Session Managers: Noor Azree Bin Nordin, Sarawak Shell Bhd; Khauln Anwar Nasrudin, PETRONAS Carigali Sdn Bhd

This combined presentation and panel session will discuss what it takes to address competency gaps in HPHT well engineering, operations, completion engineering and other associated skill sets. State-of-the-art training centres, latest generation drilling simulators (coupled with MDP simulators) and robust training programmes will also be reviewed. The focus will be on exploring opportunities and ideas that can maximise the value of HPHT technology in driving workforce envelop.

**1700 – 1730** Session 10: Workshop Summary and Closing Remarks

Co-Chairs: Jumasri Terimo, PETRONAS Carigali Sdn Bhd; Noor Azree Bin Nordin, Sarawak Shell Bhd

**SPONSORSHIP SUPPORT INFORMATION**

Sponsorship support of the event helps offset the cost of producing workshops and allows SPE to keep the attendance price within reach of operation-level individuals, those who benefit most from these technical workshops.

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**GENERAL INFORMATION**

**DOCUMENTATION**

- Proceedings will not be published; therefore, formal papers and handouts are not expected from speakers.
- Work-in-progress, new ideas, and interesting projects are sought.
- Note-taking by attendees is encouraged. However, to ensure free and open discussions, no formal records will be kept.

**WORKSHOP DELIVERABLES**

- The committee will prepare a full report containing highlights of the Workshop and the report will be circulated to all attendees.
- Powerpoint presentations will be posted online and provided to attendees after the Workshop. Provision of the materials by Discussion Leaders will signify their permission for SPE to do so.

**COMMERCIALISM**

In keeping with the Workshop objectives and the SPE mission, excessive commercialism in posters or presentations is not permitted. Company logos must be limited to the title slide and used only to indicate the affiliation of the presenter.

**ATTENDANCE CERTIFICATE**

All attendees will receive a Workshop attendance certificate. This certificate will be provided in exchange for a complete Attendee Survey Form.

**CONTINUING EDUCATION UNITS**

This Workshop qualifies for SPE Continuing Education Units (CEU) at the rate of 0.1 CEU per hour of the Workshop.

**TRAVEL/VISA**

Attendees are advised to book their airline tickets early. All travellers must be in possession of valid passports valid for at least six (6) months with proof of onward passage. Contact your local travel agent for information on visa requirements.

**DRESS CODE**

Business casual clothing is recommended. The Workshop atmosphere is informal.

**REGISTRATION POLICY**

Registration fee MUST be paid in advance for all workshop sessions, coffee breaks and luncheons for the registrant. Accommodation is NOT included. SPE will provide details of recommended hotels upon receipt of your registration.

Taxes: Registration Fees are made free and clear of all taxes, duties or withholding for and on account of, any taxes, duties or other deductions. Any such deduction or withholding, if required by the laws of any country are the sole responsibility of the Participant.

**REGISTRATION POLICY**

Registration fee MUST be paid in advance for attending the Workshop.

- Full fee is charged regardless of the length of time the registrant attends the Workshop, and cannot be prorated or reduced for anyone.
Course Description
HPHT fields are increasing in relevance every year in different areas of the world. Conventional fields have represented the vast majority of application during the last years. However, unconventional fields, which require, in some cases, very high pressures to achieve the required fracture gradients and extend the flow area are becoming a very common when applying HPHT well completion designs.

Objectives
The course introduces the unique aspects and issues surrounding drilling and completion of a HPHT development. The following has been identified as the programme objectives, in which upon completion of this training, participants will be able to demonstrate familiarity with and understanding of the following:

- Overview of HPHT development and its technical challenges
- Areas of interface (structural design, process safety)
- HPHT development well engineering considerations
  - Subsurface scenarios (reservoir depletion, seal failure, compaction)
  - Casing design (Conductor analysis, wellhead growth, annulus pressure build up, big bore well design, material and connection selection)
  - Fluids and cementing design
  - Wellhead design (Unitised wellhead, dual metal to metal seal)
  - Rig and operational aspects
- Well delivery process
  - Sourcing
  - QAQC
- Introduction to HPHT completions
- Differences between regular completions (SITHP < 10 ksi, FT < 275 OF) and HPHT Completions
- Reservoir issues
  - Metallurgy issues
  - Tubing Stress Analysis
  - HPHT Completion equipment
- Completion fluids
- Well testing and production

Your Instructors

Miguel Rosato is currently a High Pressure/High Temperature (HPHT) Completion Advisor for PETRONAS Carigali, based in Kuala Lumpur, Malaysia. He has 17 years of oil and gas experience in onshore and offshore (subsea and platform) well completions, workover, DST and well testing design. Completion designs include HPHT completions and SDT, subsea ESP completion, different types of sand control lower completions (open hole and cased hole gravel pack, stand alone and expandable sand screens) and dual completions. Previously, he has worked at various prominent operating companies such as ENI, Total, Maersk Oil and BP. His countries of expertise include Venezuela, Indonesia, Egypt, UAE, Oman, Italy, Nigeria, UK, Iraq, China and Malaysia. He is an SPE Distinguished Member for 13 years, and has been actively involved in many SPE events. Miguel holds a Master degree in Mechanical Engineering, Master of Sciences in Petroleum Engineering, Master in Business Administration and also an IWCF Well Control Level 4 Surface and Subsea stack certified.

Anas Mohamad Sofian is currently a Staff Well Engineer, with PETRONAS Carigali in Kuala Lumpur, Malaysia. He has 10 years of oil and gas experience in onshore and offshore activities for exploration and development wells. He is also a lead engineer for the HPHT development projects in PETRONAS. Among his well design experiences comprise of evaluation of complex load cases and simulation for HPHT, implementation of big bore well design with tight tolerance features, liner and cemented tieback application, OCTG material and connection testing, big bore unitised HPHT wellhead system, SIMOPS interfaces with surface facilities, HPHT mud and cement test. His countries of expertise include Malaysia, Vietnam and Iraq. Anas holds a Bachelor degree in Mechanical Engineering from University of Manchester, United Kingdom and also an IWCF Well Control Level 4 Surface and Subsea stack certified.
## Daily Technical Agenda

### THURSDAY, 2 AUGUST 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Description</th>
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<tbody>
<tr>
<td>0900 – 1030</td>
<td><strong>Overview of HPHT Development</strong></td>
<td>Overview of HPHT development technical challenges, subsurface conditions that dictate the well design approach and some background of several renowned HPHT development projects across the globe.</td>
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<tr>
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<td>- Main HPHT developments around the world</td>
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<td>- What is different about HPHT</td>
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<td>- Technical challenges due to subsurface and reservoir conditions</td>
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<td>- Areas of interface</td>
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<td>- Worldwide case studies</td>
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<td>1030 – 1045</td>
<td>Morning Coffee/Tea Break</td>
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<tr>
<td>1045 – 1200</td>
<td><strong>HPHT Well Architecture and Casing Design</strong></td>
<td>Focus on design considerations for HPHT well architecture.</td>
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<td>- Conductor design</td>
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<td>- Well architecture options</td>
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<td>- Tight tolerance well design considerations</td>
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<td>- Simulation and modelling</td>
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<td>- OCTG specification, material and connection selection</td>
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<td>1200 – 1330</td>
<td>Group Lunch</td>
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<td>1330 – 1515</td>
<td><strong>Lifecycle Integrity of HPHT Development Wells</strong></td>
<td>Focus on operational aspects of HPHT completions.</td>
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<td>- Understanding lifecycle integrity</td>
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<td>- Design stage: well design and equipment selection</td>
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<td>- Construction stage</td>
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<td>- Operation stage</td>
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<td>- Abandonment stage</td>
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<td>1515 – 1530</td>
<td>Afternoon Coffee/Tea Break</td>
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<tr>
<td>1530 – 1700</td>
<td><strong>HPHT Well Delivery Process and Operational Planning</strong></td>
<td>Focus on operational aspects of HPHT drilling operations.</td>
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<td>- Workflow process and documentation</td>
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<td>- Rig planning</td>
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<td>- Blowout contingency plan</td>
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<td>- Operational aspects of HPHT drilling</td>
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### FRIDAY, 3 AUGUST 2018

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<tr>
<th>Time</th>
<th>Session</th>
<th>Description</th>
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<tbody>
<tr>
<td>0900 – 1030</td>
<td><strong>HPHT Reservoirs and Properties</strong></td>
<td>Reservoir conditions that define HPHT application and design considerations from the petroleum engineering point of view.</td>
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<td>- What is different about HPHT completion</td>
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<td>- Reservoir characterisation for HPHT completions</td>
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<td>- Reverse Joule Thomson effect</td>
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<td>- HPHT completion challenges</td>
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<td>1030 – 1045</td>
<td>Morning Coffee/Tea Break</td>
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<tr>
<td>1045 – 1200</td>
<td><strong>HPHT Well Completion Design</strong></td>
<td>Design considerations for HPHT completions.</td>
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<td>- Tubing stress analysis for HPHT wells</td>
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<td>- Metallurgy selection for HPHT completions</td>
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<td>- Temperature and special alloys modeling issues</td>
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<td>- Elastomer selection</td>
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<td>- Equipment for HPHT completions</td>
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<td>- Temperature limitations for equipment</td>
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<td>1200 – 1330</td>
<td>Group Lunch</td>
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<tr>
<td>1330 – 1515</td>
<td><strong>HPHT Well Construction</strong></td>
<td>Focus on operational aspects of HPHT completions.</td>
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<td>- Completion fluids</td>
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<td>- QAQC process for HPHT completion and service equipment</td>
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<td>- Underbalanced vs. overbalanced HPHT and implications in the selection of each system</td>
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<td>1515 – 1530</td>
<td>Afternoon Coffee/Tea Break</td>
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<tr>
<td>1530 – 1700</td>
<td><strong>HPHT Field Production and Flow Assurance</strong></td>
<td>Well testing and production related issues. Stimulation of HPHT reservoirs.</td>
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<td>- Well testing and production issues of HPHT wells</td>
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<td>- Hydrates and scales issues</td>
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<td>- Conventional current HPHT designs installed in the field</td>
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<td>- Cost management, why planning and QAQC are the keys for successful completion within expected budgets</td>
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</table>
Would you be willing to give a brief (10-15 minutes) presentation?  

☐ Yes  ☐ No

If yes, please attach the topic with a short abstract of your proposed presentation.

One of the Programme Committee members will contact you to discuss your presentation.

*IMPORTANT: REGISTRANTS FOR SPE WORKSHOPS ARE ACCEPTED ON THE BASIS OF INFORMATION SUBMITTED BY EACH REGISTRANT.

Technical Disciplines (Check One)

☐ Drilling  ☐ Health, Safety, Security, Environment, and Social Responsibility  ☐ Reservoir Description and Dynamics

☐ Completions  ☐ Production and Operations

☐ Management and Information

Primary Responsibility (Check One)

☐ Drilling  ☐ Economics  ☐ Geology  ☐ Geophysics  ☐ Management

☐ Operation  ☐ Production  ☐ Reservoir  ☐ Surveillance  ☐ Other

Listing background and experience. (Use additional paper if required)

List your expectation for the Workshop, so that the committee can tailor a portion of the Workshop to answering attendees' concerns. (Use additional paper if required)

Registration Fees

(Please tick appropriate box)

SPE WORKSHOP:  
High Pressure/High Temperature - Delivering Cost Effective and Optimised Wells  
31 July - 1 August 2018 | DoubleTree by Hilton Kuala Lumpur, Malaysia

SPE Member  ☐ Yes  ☐ No

Membership No. ..............................................

First/Forename .............................................. Middle .............................................. Last/Family Name ..............................................

Position ......................................................

Company ......................................................

Address ......................................................

Town/City ...................................................... Zip/Postal Code ...................................................... Country ......................................................

Tel ...................................................... Fax ...................................................... Email ......................................................

Would you be willing to give a brief (10-15 minutes) presentation?  

☐ Yes  ☐ No

If yes, please attach the topic with a short abstract of your proposed presentation.

One of the Programme Committee members will contact you to discuss your presentation.

*IMPORTANT: REGISTRANTS FOR SPE WORKSHOPS ARE ACCEPTED ON THE BASIS OF INFORMATION SUBMITTED BY EACH REGISTRANT.

SPE Member  ☐ Yes  ☐ No

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