

10-12 SEPTEMBER 2025

PRODIGY SANTOS DUMONT HOTEL

RIO DE JANEIRO, BRAZIL



PLATINUM SPONSOR

Integrated Intelligent Well Completion

In Brazilian Pre-Salt projects, Intelligent Well Completions (IWC) have been used since the early conceptual phases to properly manage reservoirs and production, aiming to exploit the full potential of these thick reservoirs. Currently, Pre-Salt fields already have over 200 IWC systems, making it one of the areas with the most intensive use of IWC systems in deepwater. Well designs and intelligent well technologies, including electric systems, are now a reality. However, are we fully utilizing the potential of this technology?

This workshop provides a unique opportunity to review the use of IWC in Pre-Salt fields, as well as in other parts of the world, sharing knowledge, experiences, and challenges from across the globe. Subsea and topside integration will also be discussed, along with strategies for transitioning from Direct Hydraulic IWC to Electric IWC. The interaction with experienced and recognized professionals, companies, and institutions worldwide offers participants a unique opportunity to enhance their knowledge, discuss the future of this technology, and establish networking connections.

CHAIRPERSONS

MANOEL FELICIANO DA SILVA JUNIOR
PETROBRAS

EDUARDO SCHNITZLER
PETROBRAS

PROGRAM COMMITTEE

CLIFFORD ALLEN
HALLIBURTON

WILLIAM ALVES
HALLIBURTON

PEDRO ARANHA
PETROBRAS

SHAUN ARNOLD
EXXONMOBIL

LEONARDO CARVALHO
SHELL BRASIL

MARCELO CURZIO SALOMÃO
PETROBRAS

STEPHEN DYER
SLB

RICARDO DEUCHER
PETROBRAS

MARCO FERNANDES
SHELL

GABRIEL ISAICU
BP

SURESH JACOB
SAUDI ARAMCO

FERNANDO KIRNBAUER
BAKER HUGHES

HERBERT LESCANNE
TOTALENERGIES

SIGURD MYGE ERLANDSEN
EQUINOR

CAIO NASCIMENTO CISNEIROS
PETROBRAS

JULIANA PADRAO
TOTALENERGIES

DGAR ROMERO
EXXONMOBIL

FERNANDO SALATIEL DE OLIVEIRA
PETROBRAS

MICHAEL SCOTT
EMERSON

SERGIO SOUSA
HALLIBURTON

KRISHNA TRISAL
SLB

LARS VINJE
EQUINOR

BAS WOLTERS
WEATHERFORD



THANK YOU TO OUR SPONSORS >

HALLIBURTON

GOLD

Baker Hughes 

SILVER

Technical Agenda

(as of 20 August 2025)

WEDNESDAY, 10 SEPTEMBER

0700–0755

Registration Check-In and Continental Breakfast

0755–0800

Chairperson's Welcome and Introduction

0800–0900

Opening Panel: Intelligent Completions from a Global Perspective

Panelists:

Bruno Moczydlower, Petrobras
Ives Loretz, SLB
Srihari Balasubramanian, Halliburton
Marcos Coradini Tolfo, Petrobras

0900–1030

Session 1: Fundamentals of Flow Control and Intelligent Completions

Chairs:

Suresh Jacob, Aramco
Shaun Arnold, ExxonMobil

Strategic Selection of Inflow Control Technologies for Optimized Well Performance

Sule Gurses, SLB

A Decade of Case History and Evolution in Electro-Hydraulic Intelligent Completions: From Passive Electronics to Advanced Multi-Chip Modules

Jonathon Joubbran, Halliburton

Next Generation Inflow Control Technologies: Enhancing Well Performance and Value Creation

Lene Amundsen and Geir Elseth, Equinor

1030–1100

Coffee Break

1100–1230

Session 2: Modelling and Value Proposition

Chairs:

Marcelo Curzio Salomão, Petrobras
Leonardo Carvalho, Shell

Intelligent Well Completion Valuation: How Optimization Tools Unlocked Value in Brazil's Pre-Salt Fields Over the Last Decade

Diego Felipe Barbosa de Oliveira, Petrobras

Including ICV Operation in Production Forecast Considering Reliability

Ricardo Doria Loyola Camorim, Petrobras

Model-Based Optimization of ICV Control for Producer and Injector Wells

Denis Schiozer, UNICAMP

1230–1400

Lunch

1400–1530

Session 3: Performance of IWC

Chairs:

William Alves, Halliburton
Stephen Dyer, SLB

Historical Review of ICVs Reliability in Pre-Salt Wells: Learnings and Insights

Manoela Teixeira and Eduardo Schnitzler, Petrobras

All Electric Capex and Opex Benefits

Alan McLauchlan, Halliburton

Electric System Reliability

Yulin Pan, SLB

1530–1600

Coffee Break

1600–1730

Session 4: Lifecycle Considerations

Chairs:

Clifford Allen, Halliburton
Caio Nascimento Cisneiros, Petrobras

First Heavy Workovers in a Pre-Salt Well with Intelligent Completion: What Have We Learned?

Roger Savoldi Roman, Petrobras

Deploying Intelligent Completion in Deep Water High Rate Gas Wells —What Are the Challenges for Well Architectures and Installation

Corrado Giuliani, bp

IWC Operational Aspects in Subsea Wells

Eduardo Schnitzler and Roger Savoldi Roman, Petrobras

1730–1830

Networking Reception

THURSDAY, 11 SEPTEMBER

0730–0830

Continental Breakfast

0830–1000

Session 5: The Challenge of Standardization

Chairs:

Fernando Kirnbauer, Baker Hughes
Marco Fernandes, Shell

Interdependencies Introduced by the Evolution of IWC

Kjetil Øien Borgersen, Halliburton

Unlocking Electric Completions Through Dedicated Subsea Interfaces

Eduardo Schnitzler, Petrobras

IWIS 2.0: Standardising and enabling Electric Completions Innovation

Graham Hardie, Baker Hughes

1000–1030

Coffee Break

1030–1200

Session 6: The Journey through Electrification

Chairs:

Krishna Trisal, SLB
Juliana Padrão, TotalEnergies

Innovative Multitrip Method for All-Electric Intelligent Multilateral Completions in Extended-Reach Wells

Alain Warden and Thomas Wakerley, SLB

Presalt Downhole Electrification Program

Manoel Feliciano, Petrobras

Smart Well Production Experience on Heidrun

Ove Andre Kvandal, Equinor

1200-
1330**Lunch**1330-
1530**Session 7: IWC Installation Case Studies****Chairs:**

Lars Vinje, Equinor
Bas Wolters, Weatherford

250 Intelligent Completions
Installations in Presalt Wells: The
Evolution

Davi Valle Ferreira,
Petrobras

Designing Flow Control Valves (FCVs)
for Intelligent Well Completions in the
Sakarya Offshore Gas Field and Their
Operability

Samet Ekinci, Turkish
Petroleum Offshore
Technology Center

Smart Completion in Bacalhau Field:
Challenges During Qualification and
Well Planning

**Renata Zimbres and
Laurence Costa**, Equinor

System Engineering
Recommendations to Improve
Intelligent Completions

Jonathon Joubran,
Halliburton

1530-
1600**Coffee Break**1600-
1730**Session 8: Monitoring and Automation****Chairs:**

Michael Scott, Emerson
Pedro Marins dos Santos Sousa, Petrobras

Well Integrity Surveillance System

**Jorel Lopes Rodrigues
dos Anjos**, Petrobras

Continuous Flow Rate Allocation
In Industry First Subsea Reentry
Multilateral Wells

Claudio Cannone, Vår
Energi ASA / ENI S.p.A.
Ximena Guerrero, SLB

The First Data-Driven Well Flowback
with Advanced Completion
Technology for Major Middle East
National Oil Company

Igor Bulygin, SLB

The Role of ICVs in Reservoir
Management and Production
Optimization

Deyvid Debastiani,
TotalEnergies

1000-
1030**Coffee Break**1030-
1200**Session 10: Data Science Applied to IWC****Chairs:**

Pedro Aranha, Petrobras
Sergio Sousa, Halliburton

Experiences Applying Data Science to
the Data From the 12-Zone Smart We

Marcel Andre Grubert,
Halliburton

Achieving Autonomous Intelligent Well
Completion Operations through Digital
Twin Development with Hybrid Models

Varma Gottumukkala,
SLB

Machine Learning-Based Soft Sensors
for Reliable Bottom-Hole Pressure
Estimation in IWC Wells

**Mateus de Araujo
Fernandes**, Petrobras

1200-
1330**Lunch**1330-
1530**Session 11: Case Histories and Way Forward for IWC Applications****Chairs:**

Sigurd Myge Erlandsen, Equinor
Fernando Salatiel de Oliveira, Petrobras

Innovative Inflow Control Strategies
for Reduced Water Production at the
Bredablikk Field

Knut Arild Nilsen,
Equinor

Intelligent Completions in Búzios Field:
Extracting Value from Flexibility

**Joao Paulo Carneiro
and Paulo Pires**,
Petrobras

Value Creation with the Manara System
on the Edvard Grieg Field

Sarah Shariff, AkerBP

Hydraulic and Electric Downhole Wet
Mate Connection for Multi Stage Pre-Salt
Completions

Thomas Wakerley,
SLB

1530-
1540**Closing Remarks****FRIDAY, 12 SEPTEMBER**0730-
0830**Continental Breakfast**0830-
1000**Session 9: Optimization through Flow Control and Monitoring****Chairs:**

Ricardo Huntemann Deucher, Petrobras
Herbert Lescanne, TotalEnergies

Carbonate Oil Rim Production Strategies
Using Cloud-Based Optimization of
Electric Interval Control Valves (eICVs)
with Continuous Chokes

Emilio Coutinho,
Petrobras

Enhancing Ultimate Recovery in Mature
Fields with Multilateral Technology and
Intelligent Branch Control

Tom Fanchin,
Halliburton

“

SPE provides **shared expertise, resources, and life-long learning opportunities** to fuel the success of our members and the future of the industry.

LEARN AND CONNECT

10-12 SEPTEMBER 2025

PRODIGY SANTOS DUMONT HOTEL

RIO DE JANEIRO, BRAZIL



PLATINUM SPONSOR

i GENERAL INFORMATION

ACCESSIBILITY

Our events and functions are accessible to all attendees with wheelchairs. If you require special arrangements, please contact our staff at the registration desk.

ALCOHOL POLICY

SPE recognizes the legitimate serving of alcoholic beverages in the process of conducting business and social activities. We also recognize that the use and consumption of alcohol carries with it the requirement for all attendees to consume those beverages responsibly.

COMMERCIALISM

In remaining consistent with workshop objectives and SPE guidelines, commercialism in presentations will not be permitted. Company logos should be used only to indicate the affiliation of the presenter(s).

CONTINUING EDUCATION UNITS

Attendees will receive 2.2 CEUs. One CEU equals 8 contact hours of participation. CEUs will be awarded through SPE Professional Development for participation and completion of an SPE workshop. A permanent record of a participant's involvement and awarding of CEUs will be maintained by SPE.

DOCUMENTATION

Following the workshop, a URL containing released copies of the workshop presentations will be available to all attendees.

ELECTRONIC DEVICES

As a courtesy to the speakers and your fellow registrants, please turn off all electronic devices during presentations.

NAME BADGES

Please wear your badge at all times. It is a courtesy to your fellow registrants, speakers, and sponsors.

PHOTOGRAPHY AND RECORDING POLICY

SPE reserves the exclusive rights to all video/audio recording or reproductions of the workshop. Unauthorized video/audio recording is expressly prohibited in the session room(s) or poster area, whether by video, still or digital camera, mobile phone, or any other means or form of reproduction. Any person attending may be photographed or videotaped, and by your attendance, you give permission to use your image in possible future marketing publications including print, online, and video.

WORKSHOP FORMAT

Workshops maximize the exchange of ideas among attendees and presenters through brief technical presentations followed by extended Q&A periods. Focused topics attract an informed audience eager to discuss issues critical to advancing both technology and best practices.

Many of the presentations are in the form of case studies, highlighting engineering achievements and lessons learned. In order to stimulate frank discussion, no proceedings are published and members of the press are not invited to attend.

www.spe.org [in](#) [f](#) [t](#) [v](#) [i](#)

SPE IS THE LARGEST INDIVIDUAL MEMBER ORGANIZATION SERVING MANAGERS, ENGINEERS, SCIENTISTS AND OTHER PROFESSIONALS WORLDWIDE IN THE UPSTREAM SEGMENT OF THE OIL AND GAS INDUSTRY.



Please take a moment and let us know your thoughts on this event!

go.spe.org/25ARIOAttendee

THANK YOU TO OUR SPONSORS >

HALLIBURTON

GOLD

Baker Hughes 

SILVER