

5TH EDITION OF
INTERNATIONAL CONFERENCE ON
**OIL, GAS AND
PETROLEUM
ENGINEERING**

SEPTEMBER 17-19, 2026 | ROME, ITALY

*"Foundations and Frontiers in Oil,
Gas & Petroleum Engineering"*



IN-PERSON:

NH Villa Carpegna

Via Pio IV, 6, 00165 Roma RM, Italy

VIRTUAL:

Central European Summer Time (CEST)

**THURSDAY
SEPTEMBER 17
2026**

DAY 01 | IN-PERSON @LEONARDO A ROOM

08:00-08:50	Registrations
08:50-09:00	Opening Ceremony and Introduction
09:00-11:00	Keynote Sessions
11:00-11:30	Coffee Break
11:30-12:50	Oral Sessions
12:50-13:50	Lunch Break
13:50-15:10	Oral Sessions
15:10-15:40	Coffee Break
15:10-15:40	Poster Sessions

**FRIDAY
SEPTEMBER 18
2026**

DAY 02 | IN-PERSON @LEONARDO A ROOM

08:30-09:00	AV Check and Introduction
09:00-11:00	Keynote Sessions
11:00-11:30	Coffee Break
11:30-12:50	Oral Sessions
12:50-13:50	Lunch Break
13:50-15:30	Oral Sessions
15:30-16:00	Coffee Break

**SATURDAY
SEPTEMBER 19
2026**

DAY 03 | VIRTUAL ROOM @ZOOM

09:30-10:00	AV Check and Introduction
10:00-10:40	Keynote Sessions
10:40-13:40	Oral Sessions
13:40-15:00	Keynote Session
15:00-16:00	Oral Sessions
16:00-16:40	Keynote Session

Important Note

The conference follows Central European Summer Time (CEST) for both In-Person and Virtual sessions.

When the program refers to Local Timings, it means the time mentioned is in the time zone of the presenter's country.

In-Person presentations will take place at **Leonardo A Room** - NH Villa Carpegna, Rome, Italy. Virtual presentations will take place on Zoom and run continuously without scheduled breaks.

Keynote Speakers



Askold Belyakov

Schmidt Institute of Physics of the Earth,
Russia



Chellapandian Kannan

Manonmaniam Sundaranar University, India



Deinar Agudelo Ortiz

Natural Motos sas, Colombia



Javier Garrigos

Técnicas Reunidas, Spain



Matthew Godfrey

Enventure Global Technology, United States



Nur Hassan

Central Queensland University, Australia



Saim Memon

Sanyou London Pvt Ltd, United Kingdom



Selim Sanad Shaker

Geopressure Analysis Services,
United States



Stanislaw Dzwigaj

Sorbonne University, France



Cleveland M Jones

Fronteira Energia Ltda, Brazil

Day 01 – Leonardo A Room

September 17, Thursday

CENTRAL EUROPEAN SUMMER TIME (CEST)

08:00–08:50	Registrations
08:50–09:00	Opening Ceremony and Introduction

Moderator:
Matteo Campanelli, Automa Srl, Italy

Chair:
Saim Memon, Sanyou London Pvt Ltd, United Kingdom

09:00–09:40

Keynote Session

Stanislaw Dzwigaj, Sorbonne University, France

Title: Application of vanadium and tantalum single-site zeolite catalysts in heterogeneous catalysis

09:40–10:20

Keynote Session

Saim Memon, Sanyou London Pvt Ltd, United Kingdom

Title: The Vacuum Insulated Heatable Curtain (VIHC): From conceptual invention to market deployment as a cost-effective dual solution for window heat loss reduction and localised radiant comfort

10:20–11:00

Keynote Session

Matthew Godfrey, Enventure Global Technology, United States

Title: Novel expandable liner hanger platform for advanced liner drilling and reaming

11:00–11:30

Coffee Break @Foyer | Group Photo

11:30–11:50

Oral Session

Anurag Singh and Claudia Torres, Mansarovar Energy, Colombia

Title: Revitalizing a complex heavy oil field: Subsurface reinterpretation and integrated execution at Velásquez (Middle Magdalena Basin)

11:50–12:10

Oral Session

Fatima Ibrahim Almarzooqi and Khalfan Aldhanhani, Abu Dhabi National Oil Company, United Arab Emirates

Title: Enhancing integrity and safety: Flare tip inspection strategies in offshore environments

12:10-12:30

Oral Session

Aiyda Ibrahim Fourgani, Waha Oil Company, Libya

Title: Beyond the eastern fringes of Sirte Basin: Prospectivity evaluation and petroleum system assessment of Concession 31, Cyrenaica Platform, Libya

12:30-12:50

Oral Session

Ayesha Mohamed Alshamsi and Saeed Mohamed Almarzooqi, Abu Dhabi National Oil Company, United Arab Emirates

Title: Pipeline integrity under challenged operations: Restoring reliability in a 20" main oil line through root cause driven mitigation

12:50-13:50

Lunch Break @Restaurant

13:50-14:10

Oral Session

Maareb Alsubhi, Saudi Aramco, Saudi Arabia

Title: Advancing net positive impact through biodiversity protection areas: Integrating ecosystem services into sustainable energy operations

14:10-14:30

Oral Session

Fadheela N Almemari and Saeed Mohamed Almarzooqi, Abu Dhabi National Oil Company, United Arab Emirates

Title: Pipeline integrity challenges across offshore fields: The 6" gas lift pipeline case study

14:30-14:50

Oral Session

Matteo Campanelli, Automa Srl, Italy

Title: A solution for the quantification and active reduction of methane emissions from gas networks

14:50-15:10

Oral Session

Abdalla Ali Estuti, National Oil Corporation, Libya

Title: Digital twin framework for pipeline systems using the Post-Extrapolation Method (PEM): Real-time prediction of water air two phase transients with experimental and OLGA Validation

15:10-15:40

Coffee Break @Foyer

Poster Judge:**Stanislaw Dzwigaj**, Sorbonne University, France

PP01

Poster Sessions (15:10–15:40)

Abdussalam Masoud Dardour, Petroleum Research Centre, Libya

Title: The tectonostratigraphic evolution of the Atshan–Gargaf Arch, and its influence upon flanking petroleum systems, Western Libya

PP02

Nicolas Droushiotis, Cyprus Hydrocarbons Company, Cyprus

Title: Modelling of effluent dispersion from offshore natural gas desulfurization facilities

PP03

Zhibek Akasheva, Satbayev University, Kazakhstan

Title: Numerical modelling of polymer drag reduction for efficient transportation of high-viscosity crude oil in pipelines

PP04

Abdurazag S G Ibrahim, Abdulrauf Muhyeldin Abdulsalam Aldarhoubi and Mahmoud Khalil S Ben Mahmoud, Waha Oil Company, Libya

Title: Improving water saturation estimation in carbonates through integrated formation factor porosity and capillary pressure analysis

PP05

Qi Xu, China University of Petroleum, China

Title: An evaluation method for effective perforation cluster opening efficiency using fracturing and production data

PP06

Shushuai Wang, China University of Petroleum, China

Title: Experimental investigation and multiscale interpretation of shale hydraulic fracture propagation under non-principal-stress wellbore conditions

PP07

Wang Hao, China University of Petroleum, China

Title: Field diagnosis and operational mitigation of casing deformation during hydraulic fracturing: A case study of a multi-layer deep shale-gas development pad in the Daan Block, Sichuan Basin

PP08

Rasha Alost, Zueitina Oil Company, Libya

Title: Micro gas turbines as an alternative for diesel generators driving Electricals Submersible Pumps (ESP) on oil wells in Libya

PP09

Amel Abdurazag Alost and Aisha Kamel Mohamed Shalghum, Libyan petroleum Research Center, Libya

Title: Integrated reservoir characterisation and production optimisation of the Bedum Gas Field

Day 02 – Leonardo A Room

September 18, Friday

CENTRAL EUROPEAN SUMMER TIME (CEST)

08:30–09:00 AV Check and Introduction

Moderator:
Kyproula Georgiou, Cyprus Hydrocarbons Company,
Cyprus

Chair:
Chellapandian Kannan, Manonmaniam Sundaranar
University, India

09:00–09:40

Keynote Session

Javier Garrigos, Técnicas Reunidas, Spain

Title: Reinventing global inspection: Digitalization and advanced reporting in Oil & Gas

09:40–10:20

Keynote Session

Chellapandian Kannan, Manonmaniam Sundaranar University, India

Title: A novel integrated framework catalyst synthesized (Karalite-A) and applied for biodiesel synthesis at room temperature

10:20–11:00

Keynote Session

Deinar Agudelo Ortiz, Natural Motos sas, Colombia

Title: Inclusive energy transition through productive small-scale mobility: Natural gas and LPG solutions for two and three-wheel transport

11:00–11:30

Coffee Break @Foyer | Group Photo

11:30–11:50

Oral Session

Karlygash Soltanbekova, Satbayev University, Kazakhstan

Title: Comparative analysis of core-flooding experiments and reservoir simulation results for chemical EOR methods in high-viscosity oil reservoirs

11:50–12:10

Oral Session

Sharina Al Muhairi, Abu Dhabi National Oil Company, United Arab Emirates

Title: Scaling AI-powered production optimization across ADNOC Upstream: Enterprise deployment, value realization, and operational transformation through AiPSO

12:10-12:30

Oral Session

Aodai I Murad, YASREF, Saudi Arabia

Title: Building YASREF's future capability

12:30-12:50

Oral Session

Saleh Alqahtani, Saudi Aramco, Saudi Arabia

Title: Innovative flange localized leak testing using Reverse Integrity Specialized Gasket (RISG) technology: A safer and more efficient approach to flange integrity verification

12:50-13:50

Lunch Break @Restaurant

13:50-14:10

Oral Session

Kyproula Georgiou, Cyprus Hydrocarbons Company, Cyprus

Title: Optimizing in silico sour gas processing for offshore deepwater gas technology applications in the Eastern Mediterranean Region

14:10-14:30

Oral Session

Zahrah Al Marhoon, King Abdullah University Of Science And Technology, Saudi Arabia

Title: From lab to field: Designing high-temperature metallic seal solutions for sustained casing pressure remediation

14:30-14:50

Oral Session

Hossam Ahmed Aly Moustafa Teama, Abu Qir Fertilizers And Chemical Industries Company, Egypt

Title: Proportional application technologies for urea removal in aqueous waste effluents, and recommended technologies for various industrial waste water

14:50-15:10

Oral Session

Ayaz Ur Rehman, Saudi Aramco, Saudi Arabia

Title: The great re-purposing: Retrofitting gulf midstream infrastructure for the global hydrogen and ammonia trade

15:10-15:30

Oral Session

Hashem A Al Obaid, Saudi Aramco, Saudi Arabia

Title: Extending the horizon of real time hybrid coiled tubing applications in fracturing: A comparative study of first stage perforations in deep horizontal well

15:30-16:00

Coffee Break@Foyer

End of Day 2

Day 3 – @Zoom Meeting

September 19, Saturday

Central European Summer Time (CEST)

09:30-10:00

AV Check and Introduction

Moderator:

Abhishek Tyagi, Central University of Rajasthan, India

TIME (CEST)

PRESENTER
LOCAL TIME

10:00-10:40

18:00-18:40

Keynote Session

Nur Hassan, Central Queensland University, Australia

Title: Transforming waste plastic into hydrogen: Progress, challenges, and future directions in pyrolysis-based integrated pathways

10:40-11:00

16:40-17:00

Oral Session

Jia Min Jin, Shanghai Research Institute of Materials, China

Title: Develop new ways of energy production

11:00-11:20

17:00-17:20

Oral Session

Yuanhua Lin, Southwest Petroleum University, China

Title: Evaluation of effective sealing length of cement sheath in gas storage well

11:20-11:40

12:20-12:40

Oral Session

Fahad Almehmadi, Saudi Aramco, Saudi Arabia

Title: Enhancing LPG capacity at Rabigh bulk plant: A case study on flow optimization and operational efficiency

11:40-12:00

12:40-13:00

Oral Session

Gareev Adib Akhmetnabievich, Ufa University of Science and Technology, Russia

Title: Solving the problem of centrifugal pump thermodynamics in oil production is the way to complete automation

12:00-12:20

13:00-13:20

Oral Session

Rukiye Oztekin, Dokuz Eylul University, Turkey

Title: Hydrophobic cellulose nanocomposites for efficient removal of oil spills and organic solvents

TIME (CEST)

PRESENTER
LOCAL TIME

12:20-12:40

13:20-13:40

Oral Session

Yousef Alqaheem, Kuwait Institute for Scientific Research, Kuwait

Title: Membrane system for hydrogen recovery in a hydrotreating unit

12:40-13:00

12:40-13:00

Oral Session

Bakul Mathur, Friedrich Alexander University of Erlangen Nuremberg, Germany

Title: Grain-scale modelling of deformation bands formation in porous reservoir rocks

13:00-13:20

12:00-12:20

Oral Session

Pradyumna Deshpande, SLB, United Kingdom

Title: Discovery of mercaptan-selective scavengers for streams containing hydrogen sulfide

13:20-13:40

16:50-17:10

Oral Session

Abhishek Tyagi, Central University of Rajasthan, India

Title: Development of surface-functionalized tailored polymer blend for enhanced oil recovery for non-producing reservoirs

13:40-14:20

14:40-15:20

Keynote Session

Askold Belyakov, Schmidt Institute of Physics of the Earth, Russia

Title: Localization of acoustic signal sources using a device based on a novel physical principle

14:20-15:00

07:20-08:00

Keynote Session

Selim Sanad Shaker, Geopressure Analysis Services, United States

Title: Predicting drilling challenges and hazards due to subsurface pressure's drifting

15:00-15:20

08:00-08:20

Oral Session

Prateek Upreti, University of Arkansas at Little Rock, United States

Title: Circular economy: Financial analysis of the energy sector

TIME (CEST)

PRESENTER
LOCAL TIME

15:20-15:40

16:20-16:40

Oral Session

Assad Hadi Ghazwani, Saudi Aramco, Saudi Arabia

Title: Organic geochemical characteristics of carboniferous hybrid lacustrine-marine source rocks and their implications for unconventional shale oil potential

15:40-16:00

16:40-17:00

Oral Session

Hery Mada Indra Paska, Saudi Aramco, Saudi Arabia

Title: Cost intelligence in the digital oilfield: An AI-enabled framework integrating estimate classification, probabilistic risk analytics, and earned value prediction for capital projects

16:00-16:40

11:00-11:40

Keynote Session

Cleveland M Jones, Fronteira Energia Ltda, Brazil

Title: Hydrogen production from depleted or unproductive oil and gas reservoirs

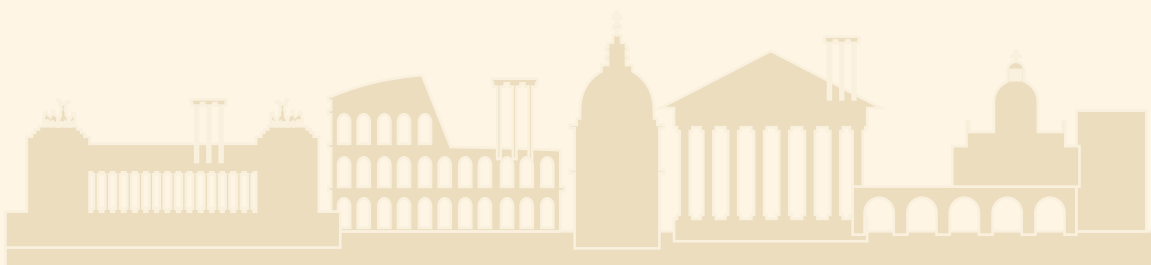
End Note

WE WISH TO MEET YOU AGAIN AT OUR UPCOMING EVENT

6th Edition of International Conference on
Oil, Gas & Petroleum Engineering
September 2027 | Valencia, Spain | Hybrid Event
<https://oil-gas.magnusconferences.com/>



ROME
ITALY



Questions? Contact

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