

The background of the top half of the poster is a photograph of a rugged mountain range with distinct horizontal geological strata. The lower slopes are covered in green and yellowish vegetation. In the top left corner, there is a green rectangular box containing the EAGE logo and its full name. In the top right corner, there is a faint, white geometric network pattern consisting of lines and dots.

**EAGE**

EUROPEAN  
ASSOCIATION OF  
GEOSCIENTISTS &  
ENGINEERS

# Sixth EAGE Borehole Geology Workshop

**ADVANCING BOREHOLE GEOLOGY:  
INTEGRATING MULTIDISCIPLINARY APPROACHES**

22-24 SEPTEMBER 2025 • MONTPELLIER, FRANCE

- **Programme**

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## TECHNICAL COMMITTEE

The Technical Programme Committee is integral to the workshop and enables EAGE to continue its mission in the development and application of geosciences to promote innovation and technical progress in communities worldwide.

Mohammed M. Al-Fahmi (Co-Chair)	Aramco
Chandramani Shrivastava (Co-Chair)	SLB
Christian Rambousek	NiMBUC Geoscience
Roberto Berto	ENI
Mohamed Helmy	Kuwait Oil Company
Ahmed Taher	Halliburton
Carsten Vahle	Eriksfiord
Pedro Vieira	Equinor US
Candida Menezes de Jesus	Petrobras
Florian Bender	Equinor
Cristina Manrique	Repsol
Meriem Bertouche	Badley Ashton
Jean-Michel Embry	Baker Hughes
Mateusz Cyprych	Task Fronterra
Lawrence Bourke	Task Fronterra
Mandefro Belayneh Woldeamanuel	Aramco
Dave Saucier	bp

## WORKSHOP OVERVIEW

Join us for the highly anticipated **Sixth EAGE Borehole Geology Workshop**, taking place from **22–24 September 2025**, as we continue the legacy of knowledge-sharing and innovation established in our previous editions (2015, 2017, 2019, 2021, and 2023).

This year's workshop, held under the theme, **Advancing Borehole Geology: Integrating Multidisciplinary Approaches** will explore how borehole geology is evolving through integration with multidisciplinary technologies and methods. With a focus on **bridging the gap between 1D borehole data and 3D digital earth models**, the programme will delve into cutting-edge innovations, practical applications, and the expanding role of borehole geology across diverse industries—including **energy, mining, and environmental sectors**.

The workshop will provide a platform for discussing and sharing knowledge on various aspects of borehole geology, including hydrocarbon reservoir and field studies, best practices, integrated approaches, and new applications in emerging fields.



Furthermore, this event will serve as a catalyst for collaboration among borehole geologists and professionals from other subsurface disciplines. Join us from 22 - 24 September 2025, to be part of this exciting opportunity to advance our understanding of borehole geology and its applications.

## TOPICS

### 1. Classical Applications in Sedimentary and Structural Geology

- Subsurface reservoir characterization
- Case studies of borehole data applications
- Frontiers in multidisciplinary approaches of subsurface data

### 2. Addressing Reservoir Architecture

- Structural modeling, including structural restorations and fracture modeling
- Mechanical Earth Models (MEM) and Reservoir geomechanics
- Heterogeneity and Anisotropy

### 3. Quantifying Reservoir Attributes

- Petrophysics (porosity, permeability, saturation)
- Geochemistry (maturity, migration, diagenesis)
- Micro-seismicity
- Integration of Core/ Plugs with borehole measurements

### 4. Well Operations and Technology

- New measurements in borehole geology (borehole images, mud logging)
- Advances in coring, borehole logging, and geosteering technologies
- Best practices in challenging downhole environments (drilling and formation related)
- Wellbore stability and drilling geomechanics
- Well completion, stimulation, deep reservoir sensing enabled by borehole geology

### 5. Data analytics in borehole geology

- AI/ML enabled workflows in borehole image interpretation
- Uncertainty evaluation/quantification and ranking of image log interpretations
- Innovative solutions and Case studies

### 6. Sustainability in Energy Mix

- Geothermal energy
- Hydrogen exploration and storage
- Carbon capture & storage (CCUS)
- Waste disposal (drilling waste, nuclear waste)





## PRE-WORKSHOP FIELD TRIP

A Story of Brittle Fractures through the Tectonic and Stratigraphic Evolution of Languedoc, Southern France

**Date:** Sunday, 21 September 2025

**Time:** 07:00 – 19:00

**Cost:** EUR 200 per person

**Inclusions:** Transportation, lunch, water and snacks, guidebook

Enhance your workshop experience with an exclusive field trip exploring the natural fracture networks in the eastern Languedoc region. This excursion offers hands-on learning through the examination of outcrops that reveal the area's complex tectonic and stratigraphic history.

### Highlights

**Location 1: Lodève Permian Basin** – Observe fractures resulting from early deformation episodes in the Salagou Formation, providing insights into fracture development and fluid circulation during basin evolution.

**Location 2: Coulazou Valley** – Study fracture patterns within Mesozoic carbonates, offering a comparative perspective on fracture genesis across different geological settings.

Participants will gain valuable experience in identifying and characterizing fractures, enhancing their understanding of subsurface reservoir dynamics.



Figure 1: Topographic map of the area of Montpellier and position of the main outcrop location. (b) 1/1000000 Geological Map of France with the position of the main outcrop locations. (c) Outcrop location (1) displayed on the regional 1/50000 geological map. (d) Outcrop location (2) on the regional 1/50000 geological map. Map source: <https://infoterre.brgm.fr/>.

## Field Trip Leader



### Loïc Bazalgette

Senior Structural Geologist at GEODE, Direction Générale de l'Environnement, Canton of Vaud, Switzerland. He brings extensive experience in structural and reservoir geology, with a strong background in fractured reservoirs, fieldwork, and technical training. Loïc holds a PhD in Earth Sciences from Université Montpellier II.

## STRATEGIC PROGRAMME

### Keynote Speakers



### Lawrence Bourke

Executive Chairman,  
Task Fronterra Geoscience

**Keynote Title:** *39 years of applied Borehole Image interpretation: lessons learned, trends and expectations*



### Josselin Kherroubi

Director (Exploration)  
Head of the Artificial Intelligence Laboratory (AI Lab), SLB, France



### Peter Barrett

Product Champion for Wireline Images,  
Halliburton, USA



### Pascal Richard

Structural Geology Consultant  
PR Geology

**Keynote Title:** *The use of bore-hole images for fractured reservoir characterisation OR Bore-hole images in fracture reservoir characterisation; a reflexion based on 30 year of application in E&P*

## GENERAL INFORMATION

### Venue Information

SLB Montpellier Technology Center  
Address: 895 Rue de la Vieille Poste, 34000 Montpellier,  
France  
Contact: +33 4 30 63 87 00

### Nearby Hotels to Workshop Venue

4\* Radisson Blu Hotel, Montpellier:  
3\* ibis Montpellier Centre Comédie:  
4\* Courtyard Montpellier  
3\* Hôtel Mercure Montpellier Centre Comédie

### EAGE Registration Desk

We encourage delegates to visit the EAGE Registration Desk to learn about membership benefits and upcoming events to make the most of your EAGE involvement. We welcome feedback on EAGE's activities for us to improve upon our membership services.

### Badge collection will open at the following times:

22 September 2025	7.30 am – 9.00 am (UTC+01:00.)
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### Photo and Video Regulations

Photography and video/audio recording of any kind are strictly prohibited in the technical sessions.

EAGE strives to bring you the greatest and latest of scientific and technical advances. Due to the importance of the technical content, EAGE upholds a photography and videography policy, in an endeavour to protect these leading-edge technologies.

### Wi-Fi

Delegates may connect to free Wi-Fi at the venue. Wifi details will be provided onsite.

### Deliverables

The following are included in the delegate fee

- Access to workshop technical sessions
- Daily Luncheon
- Daily Morning and Afternoon refreshments
- Event proceedings via EAGE's EarthDoc (*for EAGE members only*)
- Complimentary EAGE Membership will be included for the remainder of 2025 (*for fully paid non-members*)
- All Social Events



## TECHNICAL PROGRAMME

### Guided field trip | Sunday, 21 September 2025

#### PRE-WORKSHOP FIELD TRIP

08:30	Assembly at the SLB Technology Center
09:00	Montpellier City Center to the outcrop (Lodève Permian Basin)
10:00	Lodève Permian Basin Stop
11:30	Outcrop 1 (Lodève Permian Basin) to Outcrop 2 (Coulazou Valley)
12:15	Lunch Break
13:15	Coulazou Valley Stop - It includes 1-1.5 hrs walk on a rocky or gravel-cover path (relatively easy)
16:15	Leave Outcrop 2 to Montpellier City Centre
17:15	End of Field Trip

### Oral Presentations | Monday 22 September 2025

#### MARCEL AND CONRAD MEETING ROOMS

08:00	Registration & Welcome Coffee
08:30	HSSE From SLB Technology Centre Reps
08:35	Welcome by Co-Chairs Mohammed M Fahmi (Aramco) & Chandramani Shrivastava (SLB)
08:45	Opening Address by SLB Technology Centre

#### Oral Session 1- Classical Applications in Sedimentary and Structural Geology

Session Chairs: Meriem Bertouche (Badley Ashton) & Carsten Vahle (Eriksfiord)

09:00	Keynote 1 - 39 years of applied Borehole Image interpretation: lessons learned, trends and expectations - Lawrence Bourke (Task Fronterra Geoscience)
09:30	An Integrated Approach to the Characterization of Complex Fault Zones in Fractured Siliciclastic Reservoirs - R. Berto <sup>1*</sup> , M.T. Galli <sup>1</sup> , F. La Valle <sup>1</sup> , A. Fasto <sup>1</sup> , V. Napolitano <sup>1</sup> , F. Chinellato <sup>1</sup> , A. Guglielmelli <sup>1</sup> <sup>1</sup> Eni Natural Resources
09:50	Validity of depositional interpretation from borehole image without integration of core: a case study from Kuwait - N. Foote <sup>1</sup> , B. Kostic <sup>1</sup> , M. Bertouche <sup>1*</sup> , L. Hayat <sup>2</sup> , M. Helmy <sup>2</sup> <sup>1</sup> Badley Ashton & Associates Ltd; <sup>2</sup> Kuwait Oil Company
10:10	Morning Coffee Break
10:40	Expanding borehole image interpretation beyond the well-bore: examples of integration between wells and with other data - B. Callaghan <sup>1*</sup> <sup>1</sup> Task Fronterra Geoscience
11:00	Sedimentology of a Visean fluvio-deltaic system through integration of BHI and core, Dnipro-Donetsk Basin - S. Burns <sup>1*</sup> , J. Cater <sup>1</sup> , M. Looser <sup>1</sup> , S. Iareschenko <sup>2</sup> , I. Solodkyi <sup>2</sup> <sup>1</sup> PetroStrat Ltd; <sup>2</sup> DTEK Oil&Gas
11:20	Using downhole logging data and core physical properties to characterise the Chicxulub impact craterbe - E. Le Ber <sup>1*</sup> , J. Lofi <sup>2</sup> , G. Lods <sup>2</sup> , D. Loggia <sup>2</sup> , L. Brun <sup>2</sup> , G. Henry <sup>2</sup> <sup>1</sup> University of Leicester; <sup>2</sup> Géosciences Montpellier
11:40	Application of image-logs to tidal ridges in the offshore Cook Formation (E. Jurassic) North Sea. - A. Folkstad <sup>1*</sup> , Z. Veselovsky <sup>2</sup> <sup>1</sup> Equinor ASA; <sup>2</sup> Eriksfiord ASA
12:00	Topology-based hydraulic connectivity & fracture permeability by using borehole image logs - A. Petrik <sup>1*</sup> , C. Vahle <sup>1</sup> , I.P. Gianotten <sup>2</sup> , L.I. Trøan <sup>2</sup> , L. Roho <sup>2</sup> , K. Galbraith <sup>2</sup> <sup>1</sup> Eriksfiord AS; <sup>2</sup> Aker BP

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## Oral Presentations | Monday 22 September 2025

12:20	Lunch Break - Pierre and Marie Curie
<b>SESSION 2 - Reservoir Architecture</b> Session Chairs: Roberto Berto (ENI) & Mateusz Cyprych (Task Fronterra)	
13:20	Keynote 2 - Peter Barrett (Halliburton)
13:50	<b>Integrated borehole image and rotary sidewall core characterisation of the Palaeocene-Eocene deepwater Sele Formation, Capercaillie Field, Central North Sea</b> - M. Bertouche <sup>1*</sup> , A. James <sup>2</sup> , D. Payne <sup>3</sup> , M. Ashton <sup>4</sup> , N. van den Beukel <sup>5</sup> , D. Storer <sup>6</sup> <sup>1</sup> Badley Ashton & Associates Ltd; <sup>2</sup> Ashton Geology Ltd.; <sup>3</sup> BP Exploration Operating Company Ltd
14:10	<b>Utilizing borehole images for high-resolution static modeling of thin-layered reservoirs. in north Western Desert, Egypt</b> - M. Ghanim <sup>1*</sup> , A. El Araby <sup>2</sup> , H. Salah <sup>3</sup> <sup>1</sup> SLB; <sup>2</sup> SLB & Cairo University; <sup>3</sup> SLB
<b>Poster Session 1: Classical Applications in Sedimentary and Structural Geology</b>	
14:30	<b>Lightning Session - Presenters introducing their posters</b> <b>Integrated 3D Petrographic and Petrophysical Insights into the Permian Amb Formation, Pakistan.</b> - M. Ghani <sup>1*</sup> , I.U. Jan <sup>2</sup> <sup>1</sup> University Of Goettingen; <sup>2</sup> University of Peshawar <b>Integration of Advanced Logging Evaluation Techniques Proves Additional Reserves from Thin Bed, Low Resistivity Pay Formations</b> - M. Rashaid <sup>1*</sup> <sup>1</sup> Koc <b>Hydrocarbon Prospectivity within the Interval "A" of the Villeta Formation in the Putumayo Foreland Basin</b> - M. Alaimo <sup>1*</sup> <sup>1</sup> GeoPark; <sup>2</sup> École polytechnique; <sup>3</sup> Universidad de los Andes <b>An overview of Géosciences Montpellier's wireline logging capabilities</b> - E. Le Ber <sup>1,3*</sup> , J. Lofi <sup>2</sup> , G. Lods <sup>2</sup> , G. Henry <sup>2</sup> , L. Brun <sup>2</sup> , S. Barry <sup>2</sup> , P. Pezard <sup>2</sup> <sup>1</sup> Ecord - lodp3; <sup>2</sup> Géosciences Montpellier; <sup>3</sup> University of Leicester <b>Comprehensive Geophysical Evaluation of Geothermal Potential in the Sandstone Reservoir, Netherlands</b> - I. Wu <sup>1*</sup> , S. Parashar <sup>2</sup> , H. Mora <sup>3</sup> , A. Janszen <sup>4</sup> , M. Kowloski <sup>5</sup> , <sup>1</sup> Halliburton; <sup>2</sup> EBN
14:40	Afternoon Coffee Break & Poster Presentations Day 1
<b>SESSION 2 - Reservoir Architecture (Contd.)</b> Session Chairs: Christian Rambousek (NIMBUC Geoscience) & Mateusz Cyprych (Task Fronterra)	
15:10	<b>Integrated true color borehole image: finding formation property changes within the image</b> - C. Morelli <sup>1</sup> , S. Di Santo <sup>1*</sup> , K. Moe <sup>2</sup> , Y. Yamada <sup>3</sup> <sup>1</sup> SLB; <sup>2</sup> JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY; <sup>3</sup> Kyushu University
15:30	<b>Uncovering the unseen: Integrating deformation detection technologies</b> - M. Mergany <sup>1</sup> , Y. I. Ramadhan <sup>2</sup> , M. Alfahmi <sup>3*</sup> <sup>1</sup> Aramco
15:50	<b>Integration of Borehole Images and Core for Depositional Environment and Sequence Stratigraphy: Case-study from Southern Iraq</b> - W. An <sup>2</sup> , F. Yongjun <sup>2</sup> , X. Nie <sup>2</sup> , G. Sultan <sup>1*</sup> , A. El Araby <sup>3</sup> , A. Selmy <sup>3</sup> , A. Shabeeb <sup>4</sup> , W. Elward <sup>4</sup> <sup>1</sup> SLB; <sup>2</sup> KEBL; <sup>3</sup> SLB; <sup>4</sup> SLB
16:10	Closing Remarks by Co-Chairs
16:20	End of Day 1

## Oral Presentations | Tuesday 23 September 2025

<b>MARCEL AND CONRAD MEETING ROOMS</b>	
08:00	Registration & Welcome Coffee
08:30	<b>Welcome by Co-Chairs Mohammed M Fahmi (Aramco) &amp; Chandramani Shrivastava (SLB)</b>
<b>SESSION 3- Quantifying Reservoir Attributes</b> Session Chairs: Meriem Bertouche (Badley Ashton) & Chandramani Shrivastava (SLB)	
08:40	<b>Keynote 3 - Borehole images in fracture reservoir characterization; a reflection based on 30 year of application in E&amp;P</b> - Pascal Richard (PRgeology)
09:10	<b>Loss zone characterization based on fracture aperture modelling using high resolution BHI data, Grane Field</b> - N. Ritzmann <sup>1</sup> , F. Bender <sup>2*</sup> , S.R. Nunez <sup>2</sup> , B.I. Torgersen <sup>2</sup> <sup>1</sup> Baker Hughes; <sup>2</sup> Equinor
09:30	<b>Petrophysical characterization of heterogeneous carbonate reservoirs for geological modeling – the case of buzios field, brazil</b> - W. Bohn <sup>1*</sup> , J.P. Da Fonseca <sup>1</sup> , V. Dutra <sup>1</sup> , A.R. Alves <sup>1</sup> , F.A. Brazil <sup>1</sup> , L. De Souza <sup>1</sup> , G. Fernandes <sup>1</sup> , J. Guerrero <sup>1</sup> , S. Pedrinha <sup>1</sup> <sup>1</sup> Petrobras
09:50	Morning Coffee Break
10:20	<b>Insights from streamline flow simulation of a faulted region</b> - M.K. Qureshi <sup>1*</sup> , S.S. Ali <sup>1</sup> , M.M. Al-Fahmi <sup>1</sup> <sup>1</sup> Saudi Aramco
10:40	<b>Predicting Fluid Production Rates in Tight Carbonates: How Ensemble Learning Links Static and Dynamic Data</b> - E. Lauria <sup>1*</sup> , M. Pirrone <sup>1</sup> , R. Berto <sup>1</sup> , M. Pelorosso <sup>1</sup> Eni Natural Resources
11:00	<b>Fossil Ferricrete making a reservoir invisible</b> - O. Tjugen <sup>1*</sup> <sup>1</sup> Equinor
11:20	<b>Enabling Geosteering Process Automation for Accurate and Efficient Well Placement</b> - M. Fouda <sup>1</sup> , A. Taher <sup>2*</sup> , E. Bikhchandaev <sup>3</sup> <sup>1</sup> Halliburton
11:40	Lunch Break - Pierre and Marie Curie
<b>SESSION 4 - Well Operations and Technology</b> Session Chairs: Ahmed Taher (Halliburton) & Dave Saucier (bp)	
12:40	<b>Initial Results of Unique At-bit Imaging Technology Examples from Middle East Carbonates</b> - R. Berto <sup>1*</sup> , D. Reolon <sup>1</sup> , M. Pelorosso <sup>1</sup> , C. Shrivastava <sup>2</sup> <sup>1</sup> Eni Natural Resources; <sup>2</sup> SLB
13:00	<b>Feasibility Analysis and Formation Evaluation for Converting Depleted Hydrocarbon Fields to Geothermal Energy Production</b> - J. Bynum <sup>1*</sup> , C. Wethington <sup>2</sup> <sup>1</sup> Baker Hughes; <sup>2</sup> Environmental Resource Management
13:20	<b>One man's noise is another man's signal: Semblance monitoring for safe drilling and drilling risk detection</b> - P. Nivlet <sup>1*</sup> , R.M. Elde <sup>1</sup> , Y. Bityaltseva <sup>1</sup> <sup>1</sup> Equinor ASA
13:40	<b>Adaptive Multidimensional and Multiresolution Inversion of Borehole Ultra-Deep Azimuthal Resistivity Measurements for 3D Imaging and Geosteering</b> - N. Jahani <sup>1*</sup> , W. Saputra <sup>2</sup> , C. Torres-Verdin <sup>2</sup> , E. Romsaas Fjeldberg <sup>3</sup> <sup>1</sup> Norice Norwegian Research Centre; <sup>2</sup> The University of Texas at Austin; <sup>3</sup> AkerBP

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## Oral Presentations | Tuesday 23 September 2025

Poster Session: Well Operations and Technology	
<b>14:00</b>	<b>Lightning Session - Presenters introducing their posters</b> <b>Assessing the impact of parameter interdependence on wellbore stability analysis and strategic decisions -</b> M. Al-sharea <sup>1*</sup> <sup>1</sup> Heriot-watt University <b>Geomechanics Study and Laboratory Testing for Time-Dependent Borehole Analysis in Cisubuh Formation, Well ABC-025, Indonesia -</b> R.W. Nurcahyo <sup>1*</sup> , A. Restyanto <sup>2</sup> , D.A. Wahyudi <sup>2</sup> , B. Biondi <sup>2</sup> , A. Endaryanto <sup>1</sup> <sup>1</sup> Elnusa; <sup>2</sup> Pertamina <b>The future of lwd borehole imaging: high-resolution ultrasonic images in real time -</b> D.M. Criollo Barrios <sup>1*</sup> , P. Caldas <sup>1</sup> , S. Carrilero <sup>1</sup> , S. Ahmad, J.A. Herrera <sup>1</sup> Halliburton <b>Leveraging geosteering and dipole sonic to maximize production of horizontal well fracturing. -</b> K. Adisornsupawat <sup>1*</sup> <sup>1</sup> PTT Exploration And Production <b>Enhancement of Wellbore Modelling Using High-Resolution Images -</b> C. Chatterjee <sup>1*</sup> , I. Basu <sup>2</sup> <sup>1</sup> SLB; <sup>2</sup> SLB <b>Enhancing Permeability Evaluation in Laterally Heterogeneous Carbonate Reservoirs Using Logging-While-Drilling Laterolog Resistivity Tool -</b> S. Al Sawafi <sup>1*</sup> <sup>1</sup> Halliburton
<b>14:10</b>	<b>Afternoon Coffee Break &amp; Poster Presentations Day 2</b>
<b>Session 4: Well-Operations &amp; Technology (Contd.)</b> Session Chairs: Ahmed Taher (Halliburton) & Dave Saucier (bp)	
<b>14:40</b>	<b>Time dependent three-dimensional break out morphology development using multi-physics BHI data, Breidablikk Field -</b> F. Bender <sup>1*</sup> , A.S. Adedamola <sup>1</sup> , B.I. Torgersen <sup>1</sup> , M. Horstmann <sup>2</sup> , C. Shrivastava <sup>2</sup> <sup>1</sup> Equinor; <sup>2</sup> SLB
<b>15:00</b>	<b>Assessment of Directional Drilling Artefacts with Ultrasonic Images While Drilling -</b> J. Mather <sup>1*</sup> , F. Van Vliet <sup>2</sup> , J. Domenc <sup>1</sup> , W. Chow <sup>1</sup> , V. Li <sup>1</sup> , Q. Li <sup>1</sup> , C. Shrivastava <sup>2</sup> <sup>1</sup> Oliden Technology. Llc; <sup>2</sup> SLB
<b>15:20</b>	<b>Closing Remarks by Co-Chairs</b>
<b>15:30</b>	<b>End of Day 2</b>
<b>19:00</b>	<b>Workshop Dinner - RESTAURANT BG By L'Endroit</b>

## Oral Presentations

Wednesday 24 September 2025

MARCEL AND CONRAD MEETING ROOMS	
<b>08:00</b>	<b>Registration &amp; Welcome Coffee</b>
<b>08:30</b>	<b>Welcome by Co-Chairs Mohammed M Fahmi (Aramco) &amp; Chandramani Shrivastava (SLB)</b>
<b>SESSION 5 - Data analytics in borehole geology</b> Session Chairs: Chandramani Shrivastava (SLB) & Cristina Manrique (Petrobras)	
<b>08:40</b>	<b>Keynote 4 - Josselin Kherroubi (SLB)</b>
<b>09:10</b>	<b>Enhancing ML-Based Reservoir Characterisation with Large Language Models: A Multi-Agent RAG Workflow for Improved Sedimentological Prediction -</b> M.A. Seksafi <sup>1*</sup> , D. Clay <sup>1</sup> , B. Kostic <sup>1</sup> , R. Smith <sup>1</sup> , D. Charlaftis <sup>1</sup> <sup>1</sup> Badley Ashton
<b>09:30</b>	<b>Leveraging Large Language Models To Extract Lithostratigraphic Properties From Well Reports -</b> S. Ouzineb <sup>1*</sup> , S. Włodarczyk <sup>1</sup> , H. Beurdouche <sup>1</sup> , S. Salimath <sup>1,2</sup> , Z. Zhou <sup>1</sup> , P. Malige <sup>1</sup> , X. Chang <sup>1</sup> <sup>1</sup> SLB; <sup>2</sup> Université Paris Saclay

## Oral Presentations

Wednesday 24 September 2025

<b>09:50</b>	<b>A Semi-Supervised Approach for Borehole Image Log Structures Segmentation for Small Labeled Datasets -</b> A.Á. Da Cunha <sup>1</sup> , G. Dos Anjos <sup>1*</sup> , R. Nascimento <sup>1</sup> , C. Menezes de Jesus <sup>2</sup> , J.J.H. Jauregui <sup>1</sup> <sup>1</sup> Pontifical Catholic University of Rio de Janeiro; <sup>2</sup> Petrobras
<b>10:10</b>	<b>Leveraging Regeneration Learning for Improved Acoustic Image Log Quality Assessment -</b> R.A. Frota <sup>1*</sup> , C. Menezes de Jesus <sup>1</sup> , G.A. Barreto <sup>2</sup> , M.M.B.R. Vellasco <sup>3</sup> <sup>1</sup> Petrobras; <sup>2</sup> Federal University of Ceará (UFC); <sup>3</sup> Pontifical Catholic University of Rio de Janeiro (PUC-Rio)
<b>10:30</b>	<b>Holistic image-based approach to overcome data limitations in building robust petrophysical models of low contrast pays -</b> M.T. Galli <sup>1*</sup> , R. Berto <sup>1</sup> , M.G. Grandis <sup>1</sup> <sup>1</sup> Eni Natural Resources
Poster Session : Data analytics in borehole geology	
<b>10:50</b>	<b>Lightning Session - Presenters introducing their posters</b> <b>Computer Vision and Digital Processing Techniques for the Concurrent Removal of artifacts in Acoustic Image Logs -</b> D. Medeiros <sup>1</sup> , G. De Medeiros <sup>1</sup> , M. Jacinto <sup>1*</sup> , T. Rodrigues <sup>1</sup> , L. Montalvão <sup>1</sup> , R. Valladares de Almeida <sup>2</sup> <sup>1</sup> Geowelllex; <sup>2</sup> Repsol Sinopec Brasil <b>Automated Mineralogy and Effective Diffusivity Prediction from Drill Core Images Using Computer Vision and Deep Learning -</b> R. Boiger <sup>1*</sup> , S.V. Churakov <sup>1</sup> , G. Kosakowski <sup>1</sup> , R. Wüst <sup>2</sup> , N.I. Prasianakis <sup>1</sup> <sup>1</sup> PSI - Paul Scherrer Institute; <sup>2</sup> Nagra <b>Machine Learning Powered Approach for Sonic Slowness Extraction and Interpretation -</b> N. Mukherjee <sup>1*</sup> , D. Konwar, R. Patro, C. Chatterjee <sup>1</sup> SLB <b>Use of density Caliper Image to improve swellpacker placement and assessment -</b> O. Tjugen <sup>1*</sup> <sup>1</sup> Equinor
<b>11:00</b>	<b>Morning Coffee Break &amp; Poster Presentations Day 2</b>
<b>SESSION 6 - Well Operations and Data analytics</b> Session Chairs: Christian Rambousek (NiMBUC Geoscience) & Meriem Bertouche (Badley Ashton)	
<b>11:30</b>	<b>Assessment of LWD Ultrasonic Images for Sedimentary Interpretation: Opportunities and Limitations -</b> H. Manchanda <sup>1*</sup> , C. Shrivastava <sup>1</sup> <sup>1</sup> SLB
<b>11:50</b>	<b>Borehole-Based Seismic Attenuation Analysis in Carbonate Reservoirs -</b> F. Bouchaala <sup>1*</sup> , M. Ali <sup>1</sup> , J. Matsushima <sup>2</sup> <sup>1</sup> Earth Sciences department, Khalifa University of Science and Technology; <sup>2</sup> Department of Environment Systems/Applied geophysics, Energy resources systems learned from ecosystems, The University of Tokyo
<b>12:10</b>	<b>Lunch Break - Pierre and Marie Curie</b>
<b>13:10</b>	<b>Deciphering Structural Controls in Complex Clastic Reservoirs in Real-time with Time-lapse Multi-Physics Borehole Imaging while Drilling a Horizontal Well -</b> D. Halverson <sup>1*</sup> , R. Ansari <sup>2</sup> , J. Bergeron <sup>1</sup> , E. Soza <sup>1</sup> , C. Shrivastava, A. Elekwachi, S. Das <sup>1</sup> , J. Seitz <sup>1</sup> bp; <sup>2</sup> SLB
<b>13:30</b>	<b>Addressing the challenge of low UCS core acquisition using novel PSWC technology and digital rock physics -</b> D. Saucier <sup>1*</sup> , D. Lakshmanov <sup>1</sup> , Y. Zapata <sup>1</sup> , J. Cook <sup>1</sup> , R. Eve <sup>1</sup> , N. Lane <sup>1</sup> , G. Gettemy <sup>1</sup> , K. Sincock <sup>1</sup> , I. Draper <sup>2</sup> , T. Gill <sup>2</sup> <sup>1</sup> bp; <sup>2</sup> Baker Hughes
<b>13:50</b>	<b>Closing Remarks by Co-Chairs</b>
<b>14:00</b>	<b>Close of Workshop</b>

*Disclaimer: The programme is confirmed as of publishing date and may be subject to change without prior notice.*

## REGISTRATION



Registration Fees: Workshop & One Day Field Trip  
(All registration rates are in EUR)

REGISTERED AND PAID	Early Registration 2/5/25 - 21/8/25	Regular Registration 22/8/25 - 11/9/25	LATE REGISTRATION 12/9/25 - 24/9/25
EAGE Green Member <sup>1,5</sup>	1295	1550	1755
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EAGE Platinum Member <sup>1,5</sup>	1140	1140	1140
Non-member <sup>3</sup>	1395	1650	1855
EAGE Student Green Member <sup>1,2,5</sup>	595	645	695
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Student Non-member <sup>2,3,4</sup>	620	670	720

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REGISTERED AND PAID	Early Registration 2/5/25 - 21/8/25	Regular Registration 22/8/25 - 11/9/25	LATE REGISTRATION 12/9/25 - 24/9/25
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EAGE Platinum Member <sup>1,5</sup>	940	940	940
Non-member <sup>3</sup>	1195	1450	1655
EAGE Student Green Member <sup>1,2,5</sup>	395	445	495
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## SOCIAL PROGRAMME

Workshop Dinner  
RESTAURANT BG By L'Endroit  
Tuesday 23 September, 19:00hrs - 21:00hrs

## CONTACT

For more information on the workshop, please get in touch with the EAGE MEA team via [middle\\_east@eage.org](mailto:middle_east@eage.org) or +971 4 369 3897.







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