



EAGE

EUROPEAN
ASSOCIATION OF
GEOSCIENTISTS &
ENGINEERS



Sixth EAGE Borehole Geology Workshop

**ADVANCING BOREHOLE GEOLOGY:
INTEGRATING MULTIDISCIPLINARY APPROACHES**

22-24 SEPTEMBER 2025 • STAVANGER, NORWAY

- **First Announcement**
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OVERVIEW

The sixth EAGE Borehole Geology Workshop, under the theme of Advancing Borehole Geology: Integrating Multidisciplinary Approaches, is set to take place on 22-24 September 2025. Building on the success of previous workshops in 2015, 2017, 2019, 2021, and 2023, this event will continue to bring together the geoscience community to share knowledge and best practices in borehole geology and identify frontiers of the geoscience and technology.

The workshop's focus will be on advancing the original scope of the series, which aims to bridge the gap between 1-D hole data and 3-D earth digital models. This will involve exploring the latest technological innovations and applications in borehole geology, as well as its role in various global industries, including energy, mining, and environment.

We invite submissions under the below listed topics that utilize borehole data. 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 in 22-24 September 2025, to be part of this exciting opportunity to advance our understanding of borehole geology and its applications.



TOPICS

1. Applications of sedimentology and structural geology

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

2. Modelling Reservoir Architecture

- Model construction, 2D and 3D restorations and fracture modeling
- Reservoir geomechanics
- Reservoir fractures / DFN
- 3D MEMs
- Heterogeneous vs Anisotropic rocks: storage, flow, elastic/mechanical and other properties variability and the role of BHI

3. Reservoir Attributes

- Reservoir petrophysics
- Water saturation
- Reservoir geochemistry
- Reservoir microseismicity
- Use of geochemistry in borehole imaging
- Integration of geomechanics, Sonic, core data, petrophysics

4. Well Operations

- Advancements of coring, borehole logging, and geosteering technologies
- Best Practices in challenging downhole Environments
- Well stimulation / deep reservoir sensing
- Impact of mud chemistry on borehole image quality and interpretation potential

5. Data Science

- New analytical & numerical approaches of earth systems and modelling
- The value of numerical modelling
- Digital transformation
- New techniques to apply for integrated approaches between disciplines New proposals/ideas for discussion
- Uncertainty evaluation/quantification and ranking of image log interpretations
- New sources of borehole imaging: fiber optics sensors (DAS), new possible measurements "on the market" in the future, radar measurements, acoustic, advanced techniques of image fusion

6. Unconventional Reservoirs and New Energy portfolio

- Case studies of challenging unconventional reservoirs
- Hydraulic fracturing
- Geothermal energy
- Hydrogen storages
- Carbon capture utilization & storage (CCUS)
- Energy transition explicitly mention geothermal, CCS and hydrogen storage, nuclear waste storage
- Presentation of case studies of renewable energy projects (e.g., geothermal, CCS, ...)



IMPORTANT DATES

Call for Abstracts Open	21 June 2024
Call for Abstracts Close	7 April 2025
Technical Programme Available	10 June 2025
Registration Open	23 May 2025
Early Registration Deadline	21 August 2025

SPONSORSHIP

To view the full range of sponsorship opportunities available at the Sixth EAGE Borehole Geology Workshop, please get in touch at mai@eage.org.

CONTACT

For more information on the workshop, please get in touch with the EAGE MEA team via middle_east@eage.org or +971 4 369 3897.

CALL FOR ABSTRACTS IS OPEN!





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