

The logo for EAGE, featuring the letters 'EAGE' in a bold, white, sans-serif font on a green rectangular background.

EAGE

EUROPEAN
ASSOCIATION OF
GEOLOGISTS &
ENGINEERS

A background image showing a dense array of fiber optic cables with glowing blue and purple light trails, set against a dark blue background with a faint network diagram overlay.

6th EAGE Workshop on Fiber Optic Sensing for Energy Applications

21-23 OCTOBER 2026 • PERTH, AUSTRALIA

- **First Announcement**
-

WWW.EAGE.ORG

OVERVIEW

The workshop will focus on recent developments in fiber optic sensing, including high-value use cases, technology drivers, and emerging trends. We aim to bring together current and prospective technology end-users, problem owners, and experts in sensor hardware, tools, fibers, cables, interrogators, and applications. Topics will cover a wide range of uses, such as seismic imaging, downhole monitoring, reservoir surveillance, and more.

Key highlights will include:

- **Fiber Optic Sensors:** Combining distributed and point sensors, such as 3C fiber optic sensors, for diverse applications.
- **Infrastructure Monitoring:** Focusing on structural health, civil engineering, and smart cities applications.
- **Marine Acquisition:** Addressing subsea applications, underwater acoustics, and the security of cables for underwater deployments.
- **Reservoir Monitoring and Surveillance:** Key applications in energy, with a focus on reservoir monitoring and surveillance for improved reservoir management.
- **Fiber Optic Applications Across the Fields:** Exploring how fiber optic technologies support the industry in well completion, and overall field management.
- **Novel and Emerging Use Cases:** Identifying and exploring innovative fiber optic sensing technologies and their potential applications in various industries.

This workshop is designed to cater to professionals engaged in Energy Transition, including those in the energy, geothermal, CCUS, and other linked sectors, such as geoscientists, geophysicists, reservoir engineers, well completion specialists, data scientists, civil engineers, and marine professionals. We are inviting both industry practitioners and researchers in the fiber optic sensing field to contribute to the workshop.

TECHNICAL PROGRAMME COMMITTEE

Prof. Dr. Roman Pevzner (Co-Chairman)	Curtin University
Dr. Mahmoud Farhadiroushan (Co-Chairman)	Silixa, a LUNA Company
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Dr. Estelle Rebel	TotalEnergies
Dr. Andreas Ellmauthaler	Woodside Energy
Artem Goncharuk	X The Moonshot Factory





CALL FOR ABSTRACTS

The Call for Abstracts for the **6th EAGE Workshop on Fiber Optic Sensing for Energy Applications** is open now! The submission deadline is set to **Sunday, 21 June 2026, 2359 hrs (GMT+8)**. After this date, it is no longer possible to add submissions. Please scan the QR code to visit the event website and learn more information on abstract submission.



The workshop will cover a range of topics - Advances in Fiber Optic Sensing (Including Interrogator, Fiber, Sensors & Conveyance)

1. Advances in Distributed Fibre Optic Sensing

2. Upstream & Downhole Applications

- Well Completions, Subsea Installations, Reservoir Monitoring, and Production

3. Fiber Optics in Energy Transition

- CCUS, Hydrogen, Critical Minerals, Gas Hydrates, Renewable Energy, Nuclear Energy & Critical Zone Monitoring

4. Imaging and Monitoring

- Subsurface Imaging, Seismic Applications, and Environmental Monitoring

5. Field Applications & Case Studies

- Applications in Mining, Tailing Dams, and Nuclear Waste Monitoring

6. Data Management and Big Data Analysis

7. Smart Cities and Infrastructure Monitoring

- Including Civil Engineering, Construction, Cable Monitoring

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Why Become a Sponsor?

This event is a great opportunity to obtain the latest information on developments in the industry and expand your network and exchange ideas, meanwhile sponsorship enhances your visibility and corporate image before an international audience. Companies are invited to participate in the sponsorship of the **6th EAGE Workshop on Fiber Optic Sensing for Energy Applications** and achieve high visibility in a qualitative and uncluttered environment.

The programme offers a diverse investment that's sure to help you reach your target audience.

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