

The background of the top half of the page is a composite image. The top portion shows a photograph of a red and white offshore supply vessel on a dark blue sea. The bottom portion is a 3D visualization of a subsurface geological reservoir, showing a blue and grey rock layer with a network of black lines representing fractures or well paths. Below this layer is a green and yellow fluid-filled zone. Thin vertical lines connect the surface layer to the subsurface. In the top right corner, there is a faint white geometric network of lines and dots. The EAGE logo is in the top left corner.

EAGE

EUROPEAN
ASSOCIATION OF
GEOSCIENTISTS &
ENGINEERS

Photo: Equinor - Johan Castberg

Third EAGE Workshop on Practical Reservoir Monitoring

8-10 MARCH 2021 • AMSTERDAM, THE NETHERLANDS

• **Workshop Brochure | Call for Abstracts**

WWW.EAGE.ORG

TECHNICAL COMMITTEE

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Colin MacBeth	Heriot-Watt University
Paul Mitchell	TAQA
Mark Thompson	Equinor
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OVERVIEW

The Third EAGE Workshop on Practical Reservoir Monitoring presents another opportunity to examine the role and impact of reservoir monitoring techniques in improving short-term production profiles of resource fields and yielding full life cycle returns.

In recent times major global disruptions have forced both companies and individuals to reflect how they operate and work. Meanwhile the price of oil has witnessed levels not seen since the early 2000's. Against this dynamic backdrop there is also the drive to a low carbon future, which will provide both challenges and opportunities in the future.

In response, the workshop will seek to explore the technological innovations and best practices which can lead to value generation and contribute towards optimal subsurface management solutions.

AIMS OF THE WORKSHOP

The workshop aims to examine how the use of modern reservoir surveillance practices can optimize field production, through multidisciplinary data integration and increased digitalization of the field, to maximize value, ensure field integrity and increase recovery factors. The benefits of different approaches to incorporate geophysical, geomechanical and reservoir engineering data for reservoir monitoring purposes will be investigated through case

studies and extended discussions. We will also examine key issues surrounding continuous monitoring systems with real-time data processing and visualization demands.

Specialists from leading operators, service companies and academia will come together to exchange insights on the latest developments and value proposition of reservoir monitoring. We encourage oral presentations and posters exploring global perspectives on the use of reservoir monitoring techniques within various geographical and geological settings. Beyond the traditional applications in hydrocarbon reservoirs we also welcome applications in other fields such as hydrogen storage, carbon storage and geothermal reservoirs. As in previous workshops, we will continue to monitor the progress of Permanent Reservoir Monitoring as well as emerging techniques and trends in 4D applications and alternative geophysical methods.

TECHNICAL PROGRAMME

The committee would like to encourage you to submit your abstracts on Practical Reservoir Monitoring for poster or oral presentation on the following topics and subtopics:

Permanent Reservoir Monitoring

- Established Installations
- New Installations
- In-well

User Cases

- Well Planning
- Reservoir Management
- Production Optimization
- Overburden Integrity
- Drilling Operations

Developments in the Use of 4D for Modelling

- Reservoir
- Geomechanical
- Geomodelling

Realtime Monitoring

- Passive Seismic
- Microseismic

New Geophysical Methods & Technologies

- Shear and Surface Waves
- Broadband Seismic
- Simultaneous Sources
- Autonomous Sources and Receivers
- Distributed Sensing (DAS, DTS, DSS)
- Non-Seismic Methods (Gravity, EM, CSEM etc)

New Insights

- Data Integration and Interpretation: Geophysics, Engineering, In-well Sensing, Geomatics, etc.
- Automation and Digitalization
- Data Analytics (Machine Learning, Deep Learning, etc)
- Open Datasets and Open Data Sharing

SUBMISSION GUIDELINES

The technical committee invites abstracts of 2-4 pages. Submissions will be accepted online via www.eage.org. Please review the guidelines on the [event website](#) before submitting your abstract.

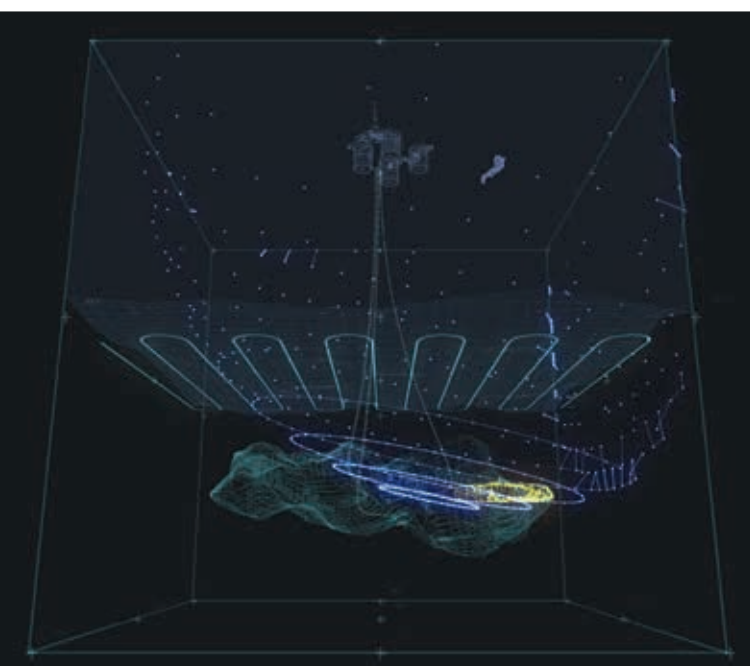


Photo: Equinor - Reservoir Monitoring



"Specialists from leading operators, service companies and academia will come together to exchange insights on the latest developments and value proposition of reservoir monitoring."

IMPORTANT DATES

Registration Opens	10 April 2020
Abstract Submission Deadline	1 November 2020
Early Registration Deadline	10 January 2021
Regular Registration Deadline	10 February 2021
Third PRM Workshop	8-10 March 2021

VENUE

Hotel Casa Amsterdam

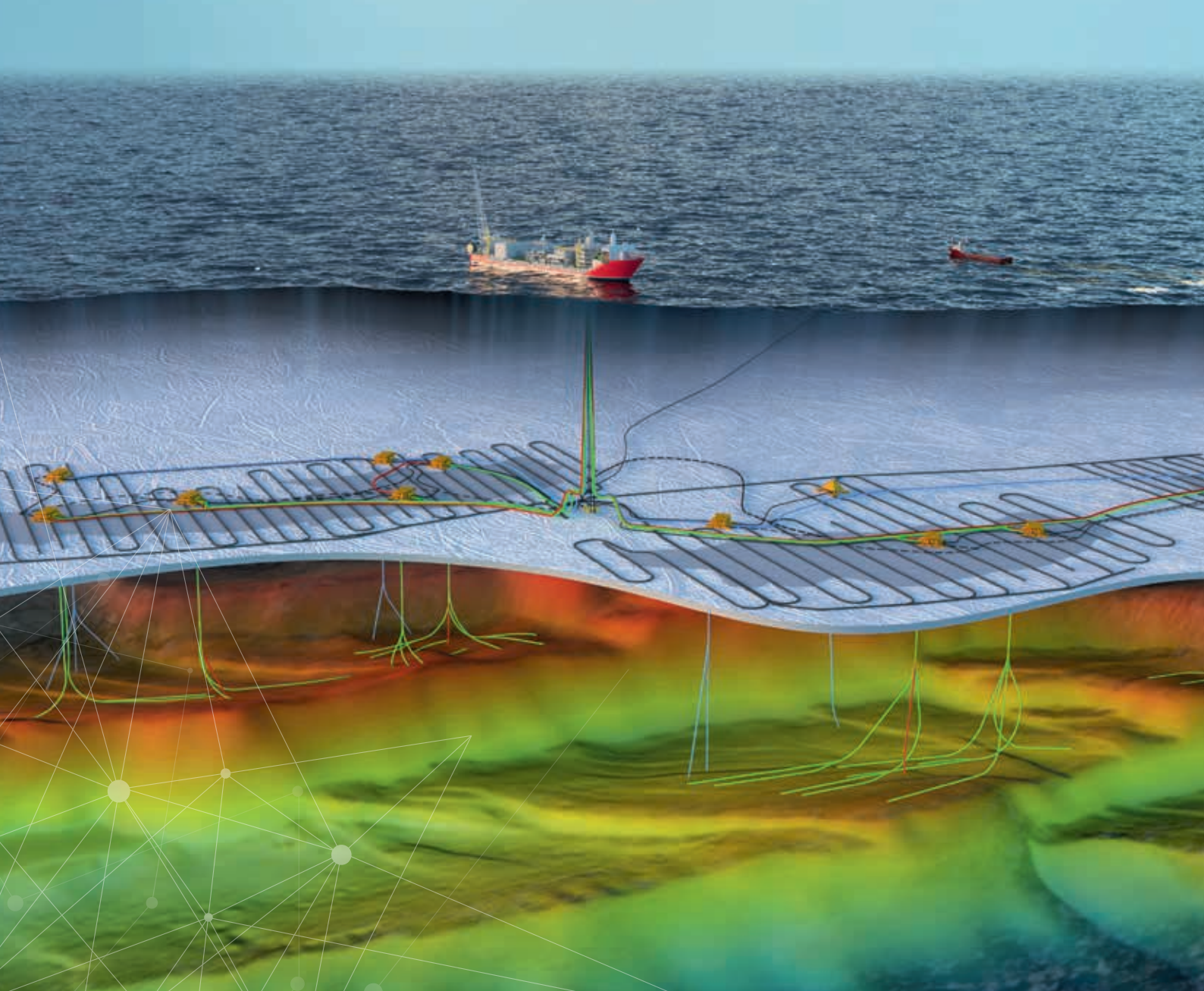
Eerste Ringdijkstraat 4 1097 BC
Amsterdam, The Netherlands

SPONSORING

This workshop offers excellent sponsoring opportunities to create high visibility to your company. For more information about sponsoring, please visit the event website or contact us via eage.events@eage.org.

CONTACT

For any questions about the EAGE Practical Reservoir Monitoring Workshop, please visit the event website via events.eage.org or contact EAGE Europe Office at +31 88 995 5055 or send us an email via eage.events@eage.org.



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