

VIRTUAL WORKSHOP



SEG
DIGITAL
INTELLIGENCE
SERIES

2ND EDITION ARTIFICIALLY INTELLIGENT EARTH EXPLORATION

30 NOVEMBER-02 DECEMBER 2021

REGISTRATION

FOR MORE INFORMATION

Anneke de Klerk – SEG Middle East

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Due to security concerns, please do not email your credit card details.

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SCAN ME

We are committed to providing our attendees a unique platform with an immersive workshop experience to maintain the same depth in knowledge-sharing, engagement and networking, in order to guarantee a comprehensive online experience. Like the physical workshop, the virtual workshop will follow the technical program components such as opening & keynote speech, presentations from industry experts, and moderated discussions.

The platform offers an optimized and powerful webpage experience – from the comfort of your home or office:



Main Stage
Presentations
and discussions



Networking
Network & make
new connections



Breakout Rooms
Technical round
table discussions



Meeting Hub
One-on-one
meetings



Live Chat
Public discussions
and Q&A



On Demand
Playback recorded
sessions

WORKSHOP DESCRIPTION

The objective of this workshop is to bring together interested individuals to share their experiences in applying machine learning algorithms in geoscience applications, especially applications related to the oil and gas sector. In addition, we'll examine the various schools of thought in machine learning applications in the geoscience field to share advances and breakthroughs, highlight advantages and limitations, compare results, and debate emerging approaches in the world of artificial intelligence. With respect to neural network models used in earth exploration, we want, in this workshop, to assess how accurate, flexible, portable are these trained models, and more importantly, were they worth the cost? In other words, are we meeting the high expectations or are we getting a dose of reality?

TECHNICAL TOPICS

- Interpretation and Picking
- 4D Seismics and Data Matching
- Reservoir Characterization and Seismic Inversion
- Data and Wavefield Interpolation and Extrapolation
- Image Enhancements and Improved Resolution
- Definition of Salt Bodies and Other Subsurface Features
- Velocity Analysis and Inversion
- Data Processing Automation and Acceleration
- Geophysical Data Integration
- Reservoir Geomechanics
- Well Logging and Formation Evaluation

WHO SHOULD ATTEND

Geoscientists, data scientists and engineers from industry and academia who have an interest in all related subjects that utilize machine learning to solve sub-surface data challenges in the Oil and Gas sector.

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30 NOVEMBER–02 DECEMBER 2021



REGISTRATION

SEG MIDDLE EAST BUSINESS OFFICE:

Questions about registration? Contact aklerk@seg.org or call +971 4 371 2710.

REGISTER FOR ARTIFICIAL INTELLIGENCE WORKSHOP

	NON-MEMBERS	MEMBERS
EARLY BIRD REGISTRATION FEE (Must be registered and paid for by 10 November)	US\$550	US\$450
FULL REGISTRATION FEE	US\$610	US\$510
STUDENT REGISTRATION FEE	US\$100	US\$75
ACADEMIA REGISTRATION FEE	US\$255	US\$210
For Group Registration Rates please contact aklerk@seg.org	Total Remittance	US\$ _____

DIGITAL INTELLIGENCE SERIES:

ARTIFICIAL INTELLIGENCE | 30 NOV - 2 DEC AND HIGH PERFORMANCE COMPUTING & SOFTWARE FOR EXPLORATION AND RESERVOIR DEVELOPMENT | 6-8 DEC

Attendees will get the unique experience to take advantage of the two strong programs and multiple speakers from across the globe to enhance their skills with the ongoing digitization. [Find more details about the High Performance Computing workshop.](#)

Register for the series and get access to both the above 2021 SEG Workshops.

REGISTER FOR DIGITAL INTELLIGENCE SERIES

	NON-MEMBERS	MEMBERS
EARLY BIRD REGISTRATION FEE (Must be registered and paid for by 10 November)	US\$825	US\$675
FULL REGISTRATION FEE	US\$915	US\$765
STUDENT REGISTRATION FEE	US\$150	US\$100
ACADEMIA REGISTRATION FEE	US\$365	US\$320
For Group Registration Rates please contact aklerk@seg.org	Total Remittance	US\$ _____

PLEASE FILL IN THE FORM BELOW

SEG ID# (if currently a member) _____ Dr. Mr. Ms.

First/Given Name _____ Middle Name _____

Last/Family Name _____ Name on Badge _____

Company/Organization _____ Job Title _____

Business Phone _____ Email _____

Mailing Address _____

City & State _____ ZIP/Postal Code _____ Country _____

Address listed: Business Home Are you a student? Yes No

Please send me emails about upcoming events and topics relevant to my SEG experience

All payments are required in US Dollars (\$) on US Banks only. Payment through PayPal is also available through online registration. From outside the US, you can process payments in your local currency with Flywire.

TO PAY VIA CREDIT CARD OR FOR MORE INFORMATION, PLEASE CONTACT ANNEKE DE KLERK AT [AKLERK@SEG.ORG](mailto:aklerk@seg.org). PLEASE NOTE CREDIT CARD PAYMENTS ARE NOT ACCEPTED VIA EMAIL.

Remit in US Dollars (\$) to:

Society of Exploration Geophysicists
Attn: Accounts Receivable
P.O. Box 801501, Kansas City, MO 64180-1501

All major credit cards accepted:

Fax: +1 918 497 5558
Society of Exploration Geophysicists
Attention: Accounts Receivable

Wire transfer:

Wire transfer — in US Dollars (\$) Detailed wire information will be sent upon request.

CANCELLATION POLICY

Written notice received by **15 November 2021** entitles registrants to a full refund of the registration fee minus US\$50 for processing.

No refunds will be issued after **15 November 2021**. Substitutions are permissible with written approval by the event organizers.

Notify Anneke de Klerk (aklerk@seg.org) immediately to request a substitution.