EAGE

# 1ST EAGE DIGITAL SUBSURFACE CONFERENCE IN LATIN AMERICA

## FIRST ANNOUNCEMENT AND CALL FOR ABSTRACTS

26-28 MAY 2021 ▪ ONLINE

# Welcome to the FIRST EAGE DIGITAL SUBSURFACE CONFERENCE IN LATIN AMERICA!

## WELCOME!

The first Digital Subsurface Conference comes to Latin America with a unique online format featuring a special session called "EAGE Advanced & High-Performance Geophysics Workshop" which will be held on the 26 May 2021. We hope to offer a series of technical presentations as well as an exciting knowledge sharing platform to provide an interactive and integrated learning environment with opportunities to network through panel discussions, technical presentations and hands on activities.

## TECHNICAL COMMITTEE

| | |
|---|---|
| Bruno Honorio | Equinor Brazil |
| Carlos Jaime | Industrial University of Santander |
| Camilo Rodriguez | IHS Markit |
| Claude Tadonki | MINES ParisTech |
| Francisco Ortigosa | Independent |
| Luis Bravo | Egep Consultores |
| Pedro Mario Cruz da Silva | Nvidia |
| Renato Cerqueira | IBM Research Brazil |
| Samuel Xavier de Souza | Universidade Federal do Rio de Grande do Norte |
| Sergio Chavez-Perez | IMP (Instituto Mexicano del Petróleo) |
| Stuart Farris | Stanford University |
| Veronica Perez | CGG |
| Amik St-Cyr (Embassador) | Shell |

## CONFERENCE OVERVIEW

The Upstream oil and gas is apparently lagging behind different industries when it comes to digital enablement. After a few years of conducting successful small-scale pilots and POC pilots, several operators and service companies are now leading the way. However, while many oil and gas companies are testing new digital ways of working, no one can claim to have "figured it out" yet.

Over the past five years we have seen the industry hiring a Chief Digital Officer, designing digital strategies, establishing business units to promote them, partnering with technology companies, and making an effort to adopt a culture that nurtures new ways of working.

We are witnessing a proliferation of technologies being implemented in the field, from the use of digital twins to optimize production to drones conducting inspections offshore. The industry is building a digital strategy from scratch, developing an analytics solution for parents, innovating with a technology partner, allowing the "connected worker" in the field to transform their culture into a data-driven culture.

Oil and gas companies face formidable challenges to their efficiency, sustainability, and profitability after COVID-19. As result of the pandemic, prices have collapsed so severely that the urgency to address these issues has accelerated dramatically. One of the clearest and most viable responses to these systemic challenges is to accelerate digitisation strategies to help improve resilience and remain attractive to investors.

During these last five years, the impact of the digital data revolution in geosciences is very significant. Computing power has accelerated according to Moore's Law, while data science accelerates the rate at which routine tasks are performed. In general, key digital applications integrate real-time data and advanced analytics for better decision-making, improved efficiency and sustainability, acceleration of the business cycle.

> "Over the past five years we have seen the industry hiring a Chief Digital Officer, designing digital strategies, establishing business units to promote them, partnering with technology companies"

## CONFERENCE TOPICS

**Call for papers has been extended!**
**Submit your paper before 9 April 2021.**

The 5 key applied sciences essential to the digitization of oil and gas:

- Cloud Computing,
- Big Data Analytics and advanced algorithms,
- Internet of Things (IoT) structures and predictive maintenance
- Artificial intelligence and machine learning.
- Autonomous robots
- HPC Special session: EAGE Advanced & High-Performance Geophysics Workshop.

**If you are interested to submit a paper for the Special Session "EAGE Advanced & High-Performance Geophysics Workshop" please see below the selected topics:*

- High accuracy geophysical methods for exploration and reservoir monitoring
- High performance geophysical applications
- Geophysics applications on the cloud and on heterogeneous computing systems
- High-accuracy versus high-performance trade-offs in geophysics
- Scalability of geophysical applications on large-scale computing systems
- Physics-based compute saving techniques for geophysics applications
- Approximate computing and transprecision computing for geophysics
- Dependable geophysical applications for unreliable computing systems and cloud spot markets.

## IMPORTANT DATES

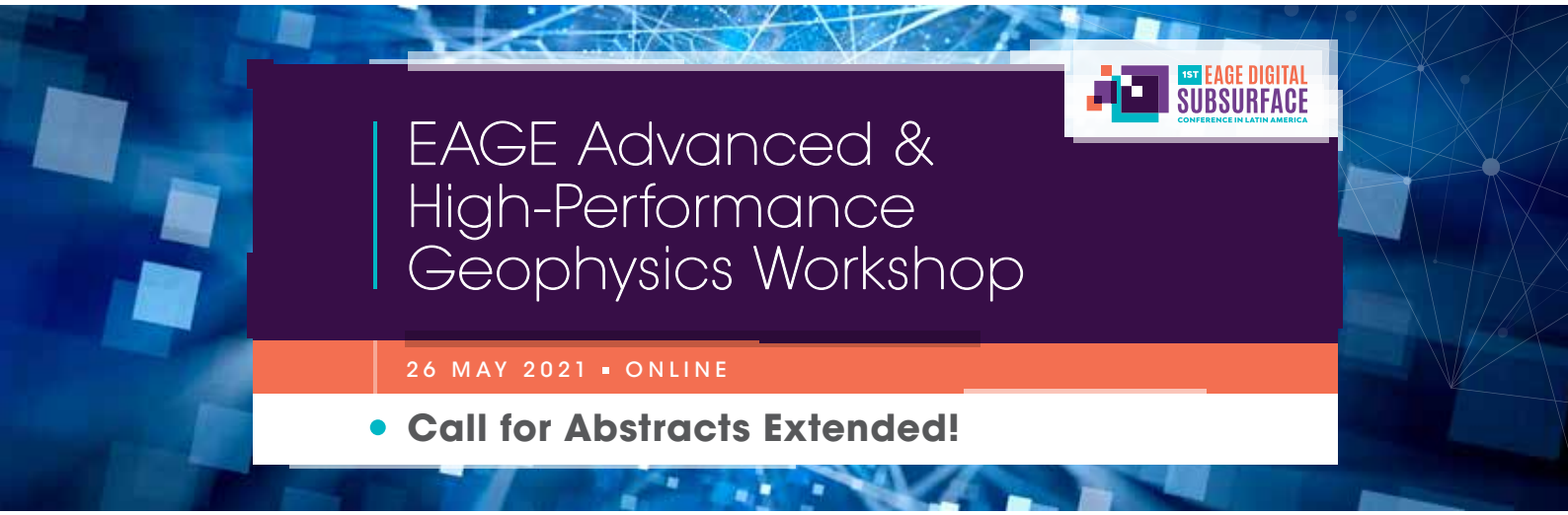
| | |
|---|---|
| Call for Abstracts Closes | 9 April 2021 |
| Special HPC Session Deadline | 26 May 2021 |
| 1st day Conference | 27 May 2021 |

## SPONSORING OPPORTUNITIES

You can sponsor EAGE Conferences and get high visibility in a qualitative and uncluttered environment that makes your message stand out. Check our website for all benefits and how to best reach your target audience. For more information please contact jpo@eage.org.

## CONTACT US

Contact EAGE Latin America Office for all questions regarding abstract process, submissions, or for all other questions regarding this event acs@eage.org, americas@eage.org.



the impact of the digital data revolution in geosciences is very significant. Computing power has accelerated according to Moore's Law, while data science accelerates the rate at which routine tasks are performed


**EUROPE OFFICE**
+31 88 995 5055
EAGE@EAGE.ORG

**RUSSIA & CIS OFFICE**
+7 495 640 2008
MOSCOW@EAGE.ORG

**MIDDLE EAST/AFRICA OFFICE**
+971 4 369 3897
MIDDLE_EAST@EAGE.ORG

**ASIA PACIFIC OFFICE**
+60 3 272 201 40
ASIAPACIFIC@EAGE.ORG

**LATIN AMERICA OFFICE**
+57 3108610709
AMERICAS@EAGE.ORG

HEAD OFFICE ▪ PO BOX 59 ▪ 3990 DB HOUTEN ▪ THE NETHERLANDS ▪ +31 88 995 5055 ▪ EAGE@EAGE.ORG


JOIN US ON SOCIAL MEDIA!