

## Seismic Imaging on Cloud

3-4 August 2021 | Virtual Workshop

# PROGRAMME

GULF STANDARD TIME

## Schedule

04:00 - 07:30 HOURS : US (CST)  
10:00 - 13:30 HOURS : LONDON  
11:00 - 14:30 HOURS : AMSTERDAM/BERLIN/  
PARIS/OSLO  
12:00 - 15:30 HOURS : RIYADH/DOHA/  
KUWAIT CITY/MOSCOW  
13:00 - 16:30 HOURS : UAE  
14:30 - 18:00 HOURS : NEW DEHLI  
16:00 - 19:30 HOURS : BANGKOK/JAKARTA  
17:00 - 20:30 HOURS : KUALA LUMPUR/  
BEIJING/PERTH/SINGAPORE  
18:00 - 21:30 HOURS : TOKYO/SEOUL  
19:00 - 22:30 HOURS : BRISBANE

## Committee

SHIVAJI MAITRA, CGG (CO-CHAIR)  
ABDULAZIZ AL SAAD, SAUDI ARAMCO  
CHRISTOPHER LEE SLIND, PETRONAS  
DAN KAHN, AWS ENERGY TEAM  
FABIO MANCINI, WOODSIDE  
SRIKANT KADAMBI, MICROSOFT  
SUYANG CHEN, SCHLUMBERGER  
SYARINA MD, DUG

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## Tuesday, 3 August 2021

### All sessions are in Gulf Standard Time

13:00 - 13:10 **Welcome & Opening Address by Workshop Chairman Shivaji Maitra**  
13:10 - 13:20 **Opening Address by William Abriel**

SESSION 1 **SETTING THE EXPECTATIONS**  
Session Chair: Dan Kahn (AWS Energy Team) and Syarina Md. (DUG)

13:20 - 13:35 **Cloud Computing for Seismic Imaging: Challenges and Opportunities**  
Keynote Speaker Mohammed AlOtiabi, Saudi Aramco

13:35 - 13:50 **Processing and Imaging in the Cloud – Considerations from an Operators Point of View**  
Christopher Lee Slind, PETRONAS

13:50 - 14:05 **Seismic RTM on Cloud**  
Hugo Mieland, Microsoft

14:05 - 14:20 **Optimization framework for imaging and inversion and the Azure Cloud**  
Sam Kaplan, Chevron

14:20 - 14:35 **Seismic imaging in the cloud: experience and outlook**  
Haiyang Wang, ExxonMobil

14:35 - 14:50 **Moderated Discussion - 15 min**

14:50 - 15:05 SPEED NETWORKING - 15 min

SESSION 2 **EVOLUTION TO THE CLOUD**  
Session Chair: Fabio Mancini (Woodside)

15:05 - 15:20 **Evolution of high-performance computing for next generation seismic imaging**  
Chu-Ong Ting, CGG

15:20 - 15:35 **Pioneering Enterprise Scale Seismic Processing on the Cloud**  
Robert Bloor, Schlumberger

15:35 - 15:50 **The sky is not the limit - seismic inversion with unlimited cloud compute**  
Stu Midgely, DUG

15:50 - 16:05 **Stretch It, Squeeze It, Spike It Up! The Elastic Compute Model Fits With Production Processing**  
Scott Michell, TGS

16:05 - 16:35 **Moderated Discussion and Wrap Up - 30 minutes**

16:35 - 17:35 POST EVENT NON-MODERATED FORUM

## Wednesday, 4 August 2021

### All sessions are in Gulf Standard Time

SESSION 3 **WHAT IS THE STATE OF THE ART TODAY?**  
Session Chair: Suyang Chen (Schlumberger) and Christopher Lee Slind (PETRONAS)

13:00 - 13:15 **Cloud processing: just the beginning of the storm?**  
Keynote Speaker Mark Skinner, Shearwater

13:15 - 13:30 **Challenges and Solutions**  
Mik Isernia, AWS

13:30 - 13:45 **Seismic Imaging on Cloud with Adaptive & Global Full Waveform Inversion**  
Nikhil Shah, S-Cube

13:45 - 14:00 **Accelerating your Cloud Performance**  
Ken Hester, NVIDIA Energy Leader

14:00 - 14:15 SPEED NETWORKING - 15 min

14:15 - 14:30 **The New "Energy" Industry: Industry Trends Changing the Way We Access & Use Seismic Data**  
Dan Piette, Bluware

14:30 - 14:45 **Case Study - FWI/Cloud on Data Storage**  
Henry Deebens, Woodside

14:45 - 15:15 **Moderated Way Ahead Discussion - 30 min**

15:15 - 15:30 **Closing Comments from Oil Company Representatives**

15:30 - 16:30 POST EVENT NON-MODERATED FORUM