2020 GSH-SEG
Spring Symposium and Expo

HOW GEOPHYSICIST-MACHINE COLLABORATION IS CHANGING OUR INDUSTRY

APRIL 21-22, 2020
NORRIS CONFERENCE CENTER, HOUSTON TX

Actual case studies that highlight the applications of new technologies to solve Geophysical and E&P problems

- Tom Smith, GEOPHYSICAL INSIGHTS, *Multi-attribute machine learning improves thin bed resolution*
- Mike Li, CHEVRON, *Using Meta Learning to Build Adaptive AI Model for Oil and Gas Exploration*
- Wenyi Hu, AGT & UH, *Progressive transfer learning for low frequency prediction in FWI*
- Long Jin, SHELL, *Scalable seismic attributes computation framework in the age of deep learning and big data*
- Satinder Chopra, TGS, *Some machine learning applications for seismic facies classification*
- Hugo Garcia, GEOTERIC, *Automated Fault Detection from 3D Seismic Using Artificial Intelligence*
- Aria Abubakar, SCHLUMBERGER, *Machine Learning for Geoscience Applications*
- Elive Menyoli, EMERSON, *Wavefield separation via principle component analysis and deep learning in the local angle domain*
- Christopher P. Ross, CROSS QI, *Predicting production metrics for unconventional shale reservoirs*
- Chengbo Li, CONOCOPHILLIPS, *Hybrid learning-based framework for seismic denoising*
- Wen Hu, FORLAND, *Seismic Denoising using Structure-Aware Stacked Denoising Autoencoder Networks*
- Philip Neri, ENERGISTICS, *Standards for Knowledge Metadata are Crucial to Upstream Digital Transformation*
- Tammy Weir, WEIR CONSULTING & GEOINTEGRITY, *Can I move my data to the Cloud?*
- Keith Gray, BP, *High Performance Computing at BP*

Great opportunities for knowledge sharing and networking
Sponsorships and Exhibit booths available
SEG Student Challenge Bowl competition
Tuesday evening Reception
Banquet roasting and toasting Mike Graul Wednesday

2020 Honoree Mike Graul

For sponsorship and booth details, call the GSH at
281-741-1624 or visit **gshtx.org/symposium2020**