



2022 GSH FALL FORUM

Applications of Machine Learning: Current State of the Industry

Drawing from Contributions to the May 2022 SPE ML Workshop and June 2022 URTeC Theme 7 (AI/ML)

Tuesday, November 8, 2022

This is an in-person event. It will be held at:

Norris Conference Center (Houston CityCentre)

816 Town & Country Blvd., Houston TX 77024

Time: 8:30 AM to 4:00 PM followed by happy hour

Presentations:

- Weichang Li, Aramco Americas Houston Research Center, Machine Learning in Energy Applications – Current State and Future Opportunities
- Matthew Reilly, Hess, Estimating real-time pore pressure at the bit
- Yuxing Ben, Oxy, Driving mechanisms for drainage volume with ML
- Ridvan Akkurt, SLB, Stochastic ML for well log outlier ID
- Olga Brusova, TGS, Seismic swell noise attenuation with ML
- Birol Dindoruk, U of H, Fluid and Transport Properties in Porous Media
- Anshumali Shrivastava, Rice, Neural Scaling Laws and a Way Forward Towards Scalable and Sustainable AI

Discussion Panel:

- “Challenges and Best Practices of Deploying Geoscience ML Solutions”
 - Pandu Devarakota, Principal Scientist, Technology Advisor, Shell
 - Sathiya Namasivayam, VP Data & Analytics, TGS
 - Dan Kahn, Sustainability Lead, AWS
 - Dan Piette, CEO, Bluware