

Thursday, October 15, 2020

Moderator: Robert Vagnetti, National Energy Technology Laboratory

- 1:00 PM Field Laboratory for Emerging Stacked Unconventional Plays (ESUP) in Central Appalachia**
Nino Ripepi, Virginia Tech
- 1:20 PM Tuscaloosa Marine Shale Laboratory**
Ning Liu, University of Louisiana at Lafayette
- 1:40 PM Field Evaluation of the Caney Shale as an Emerging Unconventional Play,
Southern Oklahoma**
Mileva Radonjic, Oklahoma State University
- 2:00 PM Conasauga Shale Research Consortium**
John Hickman, University of Kentucky
- 2:20 PM Break**

Moderator: Stephen Henry, National Energy Technology Laboratory

- 2:40 PM Unlocking the Tight Oil Reservoirs of the Powder River Basin, Wyoming**
Steven Carpenter, University of Wyoming
- 3:00 PM Improving Production in the Emerging Paradox Oil Play**
Brian McPherson, University of Utah
- 3:20 PM Enabling Cost Effective High Quality Seismic Monitoring of Unconventional Reservoirs
with Fiber Optics**
Caleb Christensen, MagiQ Technologies
- 3:40 PM A Novel 'Smart Microchip Proppants' Technology for Precision Diagnostics of
Hydraulic Fracture Networks**
Amirmasoud Dahaghi, University of Kansas
- 4:00 PM Break**
- 4:20 PM Early Prediction and Prevention of Frac Screen-Out using Deep Reinforcement Learning**
Hamed Soroush, Petrolern, LLC



**FIELD LABS-EMERGING PLAYS AND DA/ML
PROJECT REVIEW MEETING
Virtual Agenda
October 15, 2020**

- 4:40 PM** **Enhance Full-Waveform Inversion with Machine Learned Low-Frequency Signals**
Wenyi Hu, Advanced Geophysical Technology, Inc.

- 5:00 PM** **Adjourn**

