

**Wednesday, October 28, 2020**

Moderator: Eric Smistad, National Technology Laboratory

- 1:00 PM      Resident Inline Robot for Leakage Inspection, Repair, and Prevention of Methane Emissions**  
Aalap Shah, ULC Robotics
- 1:20 PM      Methane Mitigation Thermoelectric Generator (MMTEG)**  
John Vega, Gas Technology Institute
- 1:40 PM      Smart Methane Emission Detection System Development**  
Heath Spidle, Southwest Research Institute
- 2:00 PM      Novel Signatures from Deployed Sensors for Natural Gas Transmission Pipelines**  
Kayte Denslow, Pacific Northwest National Laboratory
- 2:20 PM      Break**

Moderator: Eric Smistad, National Technology Laboratory

- 2:40 PM      Robust Welding Repair Technology for Oil/Gas Pipelines**  
Zhili Feng, Oak Ridge National Laboratory
- 3:00 PM      In-Situ Pipeline Coatings for Methane Emissions Mitigation and Quantification from Natural Gas Infrastructure**  
Matthew Nakatsuka, Oceanit
- 3:20 PM      Development of Advanced Pipeline Materials: Metallic Coatings and Composite Line**  
Margaret Ziomek-Moroz, National Energy Technology Laboratory
- 3:40 PM      Advanced Sensors for Real-time Monitoring of Natural Gas Pipelines**  
Ruishu Wright, Jagan Devkota, and Ping Lu, National Energy Technology Laboratory
- 4:00 PM      Break**
- 4:20 PM      Field-Based Quantification of Methane Emissions from Natural Gas Infrastructure**  
Natalie Pekney and Matt Reeder, National Energy Technology Laboratory
- 4:40 PM      Adjourn**