

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**
Casie Davidson, 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 Liners Margaret**
Margaret Ziomek-Moroz, National Energy Technology Laboratory
- 3:40 PM Detecting Potential Natural Gas Pipeline Failure Via In-Situ Sensor Platforms**
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**