

Monday, September 28, 2020

Moderator: Mark Freeman, NETL

- 10:00 AM **NETL Oxygen Carrier Development and Testing – A Collaborative Project with Ohio State to Enable Chemical Looping Combustion**
Samuel Bayham, National Energy Technology Laboratory
- 10:30 AM **Advanced Cost Effective Coal-Fired Rotating Detonation Combustor for High Efficiency Power Generation**
Kareem Ahmed, University of Central Florida
- 11:00 AM **Development of Enabling Technologies for a Pressurized Dry Feed Oxy-Coal Reactor**
Andrew Fry, Brigham Young University
- 11:30 AM **Particle Separator for Improved Flameless Pressurized Oxy-Combustion**
Joshua Schmidt, Southwest Research Institute
- 12:00 PM **Break**

Moderator: Debalina Dasgupta, NETL

- 12:30 PM **Low-Cost and Recyclable Oxygen Carrier and Novel Process for Chemical Looping Combustion**
Junior Nasah, UNDEERC
- 1:00 PM **Development of Enabling Technologies for Chemical Looping Combustion and Chemical Looping with Oxygen Uncoupling**
Kevin Whitty, University of Utah
- 1:30 PM **Oxy-Combustion System Process Optimization**
Gokhan Alptekin, TDA Research
- 2:00 PM **Characterizing Impacts of Dry Coal Feeding in High Pressure Oxy-Coal Combustion Systems**
Kevin Davis, Reaction Engineering International
- 2:30 PM **Natural Gas Reforming with CCS to Fuel a Gas Turbine and Produce H₂ for Sale**
Charles White, National Energy Technology Laboratory
- 3:00 PM **Adjourn**