

# Technical Sessions

## Thursday, 15 October 2015



### 8:30 – 12:30pm: Salon A-D

#### Session 3A: Characterization

Session Chairperson(s):

Jim Edwards, Cabot Oil and Gas

- 8:30  
177302 Experimental Investigation of Geomechanical Impacts on Organic-Rich Shales Matrix Fracture Characterization: M. Zamirian, K. Aminian, S. Ameri, West Virginia University
- 9:00  
177309 Petrophysical and Geomechanical Analysis of Knox Group Reservoirs and Caprocks Across the Northern Appalachian Basin as a Function of Depth: S. Raziperchikolaee, J.F. Miller, J. Sminchak, Battelle Memorial Institute
- 9:30  
177321 Economic Evaluation of Marcellus and Utica Under the Effects of Dynamic Market and Development Conditions: S. Ozkan, R.J. Duman, Ponderosa Advisors
- 10:00 Coffee Break

### 8:30 – 12:30pm: Salon E-H

#### Session 3B: Fracturing

Session Chairperson(s):

Zach Arnold, Northeast Natural Energy

- 8:30  
177319 Modeling Multi-Stage Twisted Hydraulic Fracture Propagation in Shale Reservoirs Considering Geomechanical Factors: Y. Jang, J. Kim, Hanyang University; T. Ertekin, The Pennsylvania State University; W.M. Sung, Hanyang University
- 9:00  
177296 Use of a Salt-Tolerant Friction Reducer Improves Production in Utica Completions: G. Rodvelt, Halliburton; S. Yuyi and C. VanGilder, CONSOL Energy
- 9:30  
177303 Real Time Tracking of Fracture Propagation during Air Injection as an Alternative Fracturing Fluid: B. Hascakir, Texas A&M University
- 10:00 Coffee Break

### 10:30-12:30 Panel Roundtable and Open Discussion Ballroom at the Waterfront Hotel

**Moderator: Henry Jacot**

**Panelists: Mike Vincent, James Rodgerson, Tim Svarczkopf**

**Waterfont Salon A-D**