



UNIVERSITY *of* DELAWARE

Energy Institute Annual Symposium

Program

Wednesday, May 13, 2015

8:30 a.m. Registration/Breakfast (Lobby)

MORNING SESSION - ROOM 125

9:00 a.m. Welcome Remarks

Michael T. Klein

Director, UD Energy Institute

Charles G. Riordan

Deputy Provost for Research and Scholarship

9:15 a.m. Overview of Innovative Energy
Research Grants Program (IERGP)
and Request for Proposals for
Year Two

9:30 a.m. Energy Upcycling

John Madsen

Professor/IERGP awardee

9:50 a.m. Model of Redox Reactions in
Flow Batteries

Dion Vlachos

Director, CCEI/IERGP awardee

10:10 a.m. Shear Crystallization of
Semiconducting Polymers

Michael Mackay

Professor/IERGP awardee

10:30 a.m. Poster Session/Break (Lobby)

11:00 a.m. Electrochemical Activation of
Methane for Liquid Fuel Production

Yushan Yan

Professor/IERGP awardee

11:20 a.m. Probing the Ionic-Gas Interface
in Operando

John Newberg

Professor/IERGP awardee

11:40 a.m. Clean Energy via Microbial
Conversion of Coal to Methane

Prasad Dhurjati

Professor/IERGP awardee

AFTERNOON SESSION - ROOM 101A

12 noon Lunch

1:00 p.m. Keynote Speaker

Mike Gudgeon

Delaware City Refinery

2:00 p.m. Panel Discussion
Challenges in Meeting a Sustainable
Energy Future in the Face of Declining
Petroleum Prices

- Mike Gudgeon

- Michael T. Klein

- John Madsen

- John Newberg

- Yushan Yan

3:00 p.m. Reception/Poster Session (Lobby)

3:30 p.m. **CONCLUSION**

www.energy.udel.edu