

2019 Annual Symposium

The Catalysis Society of Metropolitan New York

Wednesday, March 20, 2019

Princeton University, Princeton, NJ

8:00 AM **Registration and Continental Breakfast**

8:55 AM **Opening Remarks**

Welcome Address
9:00 AM Prof. Mark Zondlo
Princeton University

Synthetic Routes to Chemical Building Blocks and Carbohydrates from Formaldehyde
9:10 AM Prof. Viktor J. Cybulskis
Syracuse University

Keynote Address – New Design Approaches to Adsorptive CO₂ Separation and Catalytic CO₂ Conversion to Chemicals and Fuels
9:45 AM Prof. Chunshan Song
Pennsylvania State University

10:35 AM **Coffee Break**

Iron Tolerance in *in situ* FCC Catalysts: a Combined Mössbauer and Catalytic Investigation
11:05 AM Dr. Karl Kharas
BASF

Effect of Metal Salt Additives on the Liquid Phase Hydrogenation of Aldehydes
11:40 AM Prof. Lindsey Welch
Cedar Crest College

Catalysis Society of Metropolitan New York – 2019 Annual Symposium

12:15 PM **Lunch**

1:00 PM **Poster Session**

2:20 PM **Modeling of Four Way Catalysts**

Dr. Manish Sharma

BASF

2:55 PM **Exploiting Geometric Effects in Selective Hydrogenation via Intermetallic Catalysts**

Dr. Randall J. Meyer

Corporate Strategic Research, ExxonMobil Research and Engineering

3:30 PM **Role of Ceria on Metal Activity and Stability**

Prof. Erdem Sasmaz

University of South Carolina

4:05 PM **Challenges Commercializing a Green Technology**

Dr. Evgeny Beletskiy

Scientific Design Company

4:40 PM **New Adventures and Innovations in Catalysis at Interfaces**

Prof. Bruce Koel

Princeton University

5:15 PM **Poster Awards**

5:25 PM **Final Remarks & Adjourn**