8:00 am Introductory Remarks

8:05 am Ni-Catalyzed reductive arylation of electronically biased NHP esters enabled by a chlorosilane additive
Alexis Gabbey, University of Toronto

8:25 am Stereodivergent, Kinetically Controlled Isomerization of Terminal Alkenes via Nickel Catalysis
Camille Z. Rubel, The Scripps Research Institute

8:45 am Backbone extension acyl rearrangements enable cellular synthesis of proteins with internal extended backbone monomers
Leah Roe, University of California, Berkeley

9:05 am Key Interaction Networks (KIN): Unveiling Evolutionarily Conserved Interactions in Artificial β-Lactamase Sequences
Dariia Yehorova, Georgia Institute of Technology

9:25 am Determining the mechanism of endoperoxide formation in the anti-malarial drug, Artemisinin
Kaitlyn Varela, University of Texas at San Antonio

9:45 am Intermission

9:55 am Accounts from the intersection of data science and experimentation in process research
Melodie Christensen, Merck

10:45 am Attenuation of crystallization driven stiffening in silk fibroin hydrogels through control of crosslinking chemistry and density
Marisa Pacheco, University of Florida

11:05 am Handling fluorinated gases as solid reagents for organic synthesis using metal-organic frameworks
Kaitlyn Keasler, Cornell University

11:25 am Tuning Electronic Structure and NIR II Emission in Tetrathiafulvalene Tetrathiocatenaradicaloids
Lauren McNamara, University of Chicago

11:45 pm Concluding Remarks

Merck is acknowledged for its support of the WCC Merck Research Awards program

WCC Chair: Lorena Tribe
WCC Program Chair: Danniebelle Haase

Visit www.acswcc.org for more information about the Women Chemists Committee or send an email to WCC@acs.org