



28th Organic Reactions Catalysis Society Meeting
March 29 – April 2, 2020
One Ocean Resort, Jacksonville, FL, USA

Preliminary Agenda
Poster Presentation Program

Monday and Tuesday, March 30 and 31; 5:15 to 7:00 pm

	Title	First Name	Last Name	Affiliation
1	Mesoporous Melamine-formaldehyde Polymer: A potential Catalyst for Continuous Production of Cyclic Carbonates from Epoxides and CO ₂	Thai	Bui	Abo Akademi University
2	Polymer Brush materials for incompatible cascade chemistry	Jacob	Cleveland	Georgia Tech.
3	Accelerating Catalyst Development with Modeling and Simulation	Fedor	Goumans	Software for Chemistry and Materials, BV
4	Characterization of Metal-Organic Framework Catalysts by Gas Sorption	Ping	Guo	Micromeritics
5	Engineering an Immobilized Dirhodium Catalyst for Scalable and Sustainable C-H Functionalization	Taylor	Hatridge	Georgia Tech.
6	Deactivation and Regeneration of Carbon Supported Pt and Ru Catalysts in Aqueous Phase Reactions	Jiajie	Huo	Iowa State University
7	Competitive Hydrogenation as a Means to Probing Reaction Mechanisms	David	Jackson	University of Glasgow
8	Catalytic Valorization of Brazilian Sugarcane Lignin to Produce Value-Added Chemicals	David	Jackson	University of Glasgow
9	Catalytic Conversion of Glucose to Tartaric Acid over Synergistic AuPt/TiO ₂ Catalysts	Mengyuan	Liu	University of Kansas
10	Dioxolane-based Green Chemistries Enabled by In Situ Infrared Spectroscopy	Cheng	Liu	University of Akron
11	Catalytic Conversion of Glucose to Tartaric Acid over Synergistic AuPt/TiO ₂ Catalysts	Mengyuan	Liu	China University of Petroleum
12	Unlocking the Potential of Chemical Derivatives in Ethanol Production	Vyoma	Maroo	University of Kansas
13	PdCeZrO ₂ solid solution as green and ligand free nanocatalyst for Suzuki-Miyaura cross-coupling reaction in aqueous media	Amadine	Othmane	Moroccan Foundation for Advanced Science, Innovation and Research
14	Understanding Acidity of Molten Salt Hydrate Media for Cellulose Hydrolysis by Coupling Kinetic Studies, Electrolyte Solution Modeling, and 13C-NMR Experiments	Natalia	Quiroz	University of Delaware
15	Direct Synthesis of Hydrogen Peroxide in Alcohols: Understanding the Role of Organic and Inorganic Processes with Transient Studies	Ole	Reinsdorf	Abo Akademi University
16	Investigation of the Synthesis of Propylene Oxide in a Fixed Bed Reactor- Product Distribution and Reaction Dynamics	Tapio	Salmi	Abo Akademi University
17	Dehydration and Etherification of Ethanol in Microreactor: The Effect of Catalyst Structure on Reaction Mechanism and Product Distribution	Tapio	Salmi	Abo Akademi University
18	Enhancing Electrocatalytic CO ₂ Conversion with CO ₂ -expanded Electrolytes	David	Sconyers	University of Kansas
19	One-Pot Synthesis of Monodispersed Pt-Cu Nanocrystals on TiO ₂ for Shape Dependent Oxidation of Sugars and Polyols	Crystal	Shi	University of Kansas
20	Controllable Synthesis and Chemical Stability of ZIF-8	Huanling	Song	Lanzhou Institute of Chemical Physics
21	Development of a Granular Catalyst Library for Flow Chemistry Applications	ShaRee	Thomas	Evonik
22	Synthesis Gas Production by Partial, Dry or Biogas Reforming on New Composite Materials Prepared by Solution Combustion Synthesis	Svetlana	Tungatarova	Institute of Fuel, Catalysis and Electrochemistry, Kazakhstan
23	Preparation and Characterization of bi-layered Supported Ionic Liquid Catalyst (SILICA) with Remarkable Activity in the Heck Reaction	Nemanja	Vucetic	Abo Akademi University
24	In Situ IR Studies of Proton Exchange Membrane Fuel Cell	Sihan	Wang	University of Akron
25	Electrostatically Enhanced Phase Transfer Hydrogenation of Acetophenone in the Presence of an External DC Electric Field	Laurence	Weatherley	University of Kansas
26	Hydrogenation of Dimethyl Oxalate to Ethylene Glycol over Mesoporous Silica Supported Copper Catalysts	Xinbin	Yu	University of South Carolina