

SINCHEM Seminar

December 17th, 2018, Aachen



Venue:

Asinger – Lernzentrum / Otto Bayer Lecture Hall, room 38A 102
Institute for Technical and Macromolecular Chemistry
RWTH Aachen University
Worringerweg 2, 52074 Aachen

Session I

- 08:30 "Immobilized Rhodium Catalysts for Asymmetric Hydroformylation Under Batch and Flow Conditions"
Prof. Carmen Claver, Centre Tecnològic de la Química de Catalunya, Universitat Rovira i Virgili, Tarragona (Spain)
- 09:00 "Active Sites for the Electrocatalytic Direct NH₃ Synthesis From N₂ and H₂O at Ambient Temperature and Pressure"
Prof. Gabriele Centi, Section of Industrial Chemistry, Università di Messina, Messina (Italia)
- 09:30 "Sugar-derived Platform Molecules for the Development of Biosourced Solvents and Polymers"
Prof. Bruno Andrioletti, Institut de Chimie et de Biochimie Moléculaires et Supramoléculaires, Université Claude Bernard Lyon 1, Lyon (France)
- 10:00 "From Layered Double Hydroxides to Catalysts of Depolymerisation of Lignin"
Dr. Francesco Di Renzo, Institut Charles Gerhardt, Ecole Nationale Supérieure de Chimie de Montpellier, Montpellier (France)

10:30 Break

Session II

- 10:45 "Synergies of Heterogeneous Catalysis and Electrocatalysis in the Valorization of Renewable Carbon Sources"
Prof. Regina Palkovits, Institute for Technical and Macromolecular Chemistry, RWTH Aachen University, Aachen (Germany)
- 11:15 "MoS₂ Thin Film by Atomic Layer Deposition Combined With Surface Organometallic Surface"
Dr. Alessandra Quadrelli, Chemistry, Catalysis, Polymers and Processes (UMR 5265), École supérieure chimie physique électronique de Lyon (CPE), Lyon (France)
- 11:45 "Multifunctional Catalytic Systems for Selective Deoxygenation Reactions"
Prof. Walter Leitner, Institute for Technical and Macromolecular Chemistry, RWTH Aachen University, Aachen (Germany)