Session Program

Jun 16 – 20, 2025

Frontiers of Multi-scale Modeling in Materials, Energy & Catalysis XI

Session 8

Fri, June 20

11:20 AM

Session 8: Catalysis and Multiscale Modelling

Session |
Location: Haus der bayerischen Landwirtschaft, Rieder Str. 70, 82211 Herrsching am Ammersee, Germany

11:20 – 11:40 AM

Bayesian Inference for Chemical Kinetics Models via Normalizing Flows

Speaker
Andreas Panagiotopoulos

11:40 AM – 12:00 PM

Understanding Catalyst Restructuring with Automatic Process Exploration and Local Environment Analysis

Speaker
Patricia Poths

12:00 – 12:20 PM

Efficient Kinetic Monte Carlo Simulations of Ionic Transport with Long-Range Coulomb Interactions on Cubic Lattices

Speaker
Roya Ebrahimi Viand

12:20 PM