

Scientific Programme

Tuesday April 29 th	
09:00 – 09:45	Arrival, registration & coffee
09:45 – 10:00	Welcome by the host institution – Prof. Tomasz Olszewski
10:00 – 10:40 Keynote 1	Pore science and engineering for green catalysis Prof. Bao-Lian Su, University of Namur, Belgium, State Key Laboratory of Advanced Technology for Materials Synthesis and Processing, Wuhan University of Technology, China
10:40 – 11:10	Pre- and postsynthetic strategies applied to MOFs - towards catalytic applications Prof. Wojciech Bury, Wrocław University, Poland
11:10 – 11:30	Coffee break
11:30 – 12:10 Keynote 2	Methane pyrolysis to hydrogen and carbon: Conventional vs. microwave heating Prof. David Farrusseng, Institute of Research on Catalysis and Environment (IRCELYON) Lyon, France
12:10 – 12:40	Designing catalysts based on porous carbonaceous material for selective oxidations and hydrogenations Dr hab. Rafael de Lima Oliveira, Institute of Low Temperature and Structure Research, Polish Academy of Sciences, Wrocław, Poland
12:40 – 14:00	Lunch + Poster Session
14:00 – 14:40 Keynote 3	Sustainable liquid fuels by Fischer-Tropsch synthesis: From basic kinetics to designing a technical reactor Prof. Andreas Jess, University of Bayreuth, Germany
14:40 – 15:10	Applying Supercritical CO₂ to green manufacturing in the gas separation, food, and pharmaceutical sectors Prof. Irena Žižović, Wrocław University of Science and Technology, Poland
15:10 – 17:00	Poster session + coffee break

Wednesday April 30 th	
09:00 – 09:30	Arrival, registration & coffee
09:30 – 10:10 Keynote 4	Site isolation without immobilization: Toward high-productivity olefin metathesis catalysts Prof. Vidar Jensen, University of Bergen, Norway
10:10 – 10:40	Towards artificial photosynthesis with single atom catalysts Prof. Bartłomiej Szyja, Wrocław University of Science and Technology, Poland
10:40 – 11:00	Coffee break
11:00 – 11:40 Keynote 5	Designing catalysts for practical hydrogen generation Prof. Gadi Rothenberg, University of Amsterdam, The Netherlands
11:40 – 12:10	Enamines synthesis via hydroamination of terminal alkynes mediated by W(o) complexes Dr. hab. Izabela Czełuśniak, Wrocław University, Poland
12:10 – 13:30	Lunch + Poster session
13:30 – 14:00	Unravelling complexity in zeolite synthesis Dr. Johan Bergsma, University of Amsterdam, The Netherlands
14:00 – 14:30	Selective ethylene glycol oxidation: the struggles of industrial electrolysis Noë Watson MSc., University of Amsterdam, The Netherlands
14:30 – 14:50	Coffee break
14:50 – 16:30 Panel discussion	Panel discussion: The Future of Chemical Industry in Europe Panel members: David Farrusseng, Andreas Jess, Tomasz Olszewski, Bao-Lian Su Moderator: Gadi Rothenberg
16:30 – 16:40	Closing remarks and end of conference