

## Scientific Programme

Tuesday April 29 <sup>th</sup>	
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	<b>Pore science and engineering for green catalysis</b> 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	<b>Pre- and postsynthetic strategies applied to MOFs - towards catalytic applications</b> Prof. Wojciech Bury, Wrocław University, Poland
11:10 – 11:30	Coffee break
11:30 – 12:10 Keynote 2	<b>Methane pyrolysis to hydrogen and carbon: Conventional vs. microwave heating</b> Prof. David Farrusseng, Institute of Research on Catalysis and Environment (IRCELYON) Lyon, France
12:10 – 12:40	<b>Designing catalysts based on porous carbonaceous material for selective oxidations and hydrogenations</b> 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	<b>Sustainable liquid fuels by Fischer-Tropsch synthesis: From basic kinetics to designing a technical reactor</b> Prof. Andreas Jess, University of Bayreuth, Germany
14:40 – 15:10	<b>Applying Supercritical CO<sub>2</sub> to green manufacturing in the gas separation, food, and pharmaceutical sectors</b> Prof. Irena Žižović, Wrocław University of Science and Technology, Poland
15:10 – 17:00	Poster session + coffee break

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

