

Workshop "Advanced porous materials for industry: Metal-organic frameworks, porous polymers and beyond"

Paris, October 31, 2019

Program*

- 08:30–09:00 Registration

Session 1

- 09:00–09:15 Welcome and opening
- 09:15–09:45 MOFs - A brief history of scale-up and new business development
Stefan Marx, BASF SE, Germany
- 09:45–10:15 Idea-to-prototype: enabling innovation through MOFs
Daniel Steitz, novoMOF AG, Switzerland
- 10:15–10:45 Porous MOFs – shaping and sorption applications
Jong-San Chang, Korea Research Institute of Chemical Technology (KRICT), Korea
- 10:45–11:15 Coffee break

Session 2

- 11:15–11:45 MOFs for cooling and dehumidification
Sebastian-Johannes Ernst, Fraunhofer ISE, Germany
- 11:45–12:15 Respiratory filters: Requirements for the integration of advanced adsorbents
Philipp Müller, Dräger Safety AG & Co. KGaA, Germany
- 12:15–13:30 Lunch break

Session 3

- 13:30–14:30 Scaled oil and gas operations with Metal-organic frameworks
Jason Matthew Ornstein, Framergy (J.M.Ornstein Ltd), UK
- 14:00–14:30 MOF commercialization: Emerging use-cases and advancements in the field
Ben Hernandez, NuMat Technologies, Inc., USA
- 14:30–15:00 Coffee break

Session 4

- 15:00–15:30 Moving towards the application of MOFs in post-combustion CO₂ capture
Eirik da Silva, TOTAL S.A., France
- 15:30–16:00 Environmental sensing materials – technical requirements and market gaps in the consumer electronics industry
Richard Fix, Bosch Sensortec GmbH, Germany
- 16:00–16:30 Commercial Applications of Metal-Organic Frameworks
Jose Casaban, MOF Technologies, UK
- 16:30–17:00 Closing remarks
- 17:00 End of the workshop