

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

Delft, November 2, 2017

08:30 – 09:00 Registration

Session 1

09:00 – 09:15 Welcome and opening

09:15 – 10:00 **“A roadmap for the integration of metal-organic frameworks with electronic devices and chemical sensors”**

Mark Allendorf, Sandia National Laboratories

Rob Ameloot, Center for Surface Chemistry and Catalysis, KU Leuven

10:00 – 10:30 **“Adsorbents, heat exchangers and applications for adsorption heat pumps”**

Patrick Ruch, IBM Research Zurich

10:30 – 11:00 **“MOF technologies - From start up to scale up, leading to innovation going forward”**

Paschal McCloskey, MOF Technologies Ltd.

11:00 – 11:30 Coffee break

Session 2

11:30 – 12:00 **“Water harvesting from air with MOF”**

Lukasz Karwacki, BASF

12:00 – 12:30 **“Water adsorption cycling stability of metal-organic frameworks”**

Nicole Klein, Fraunhofer Institute for Material and Beam Technology, IWS

12:30 – 14:00 Lunch break

Session 3

14:00 – 14:30 **“Perspectives on adsorbed natural gas (ANG) for on-board vehicular applications”**

Anne Dailly, General Motors Company

14:30 – 15:00 **“Producing MOFs at the speed, scale and quality you require”**

Daniel Steitz, novoMOF AG

15:00 – 15:30 Coffee break

Session 4

15:30 – 16:00 **“Membrane development from industrial perspectives:
Translating intrinsic material properties into module performance ”**

Oliver D. Conradi, Evonik Creavis GmbH

16:00 – 16:30 **“Porous polymers from block copolymer self-assembly and their application for membranes”**

Klaus-Viktor Peinemann, King Abdullah University of Science and Technology

16:30 – 17:00 Closing remarks

17:00 End of the workshop