

EuroMOF 2019 Young Investigator Symposium

ENS, Paris, 26th October 2019

Program

08:15	Registration
08:45	Welcome and opening remarks
09:00 <i>Plenary lecture</i>	3D Electron Diffraction Techniques for Ab Initio Structure Determination and Phase Analysis of Metal-Organic Frameworks Prof. Xiaodong Zou (<i>Department of Materials and Environmental Chemistry, Stockholm University, Sweden</i>)
10:00	Assessing negative thermal expansion in mesoporous metal-organic frameworks Jack Evans (<i>TU Dresden, Germany</i>)
10:15	3D Anionic Silicate Covalent Organic Framework with srs Topology Jérôme Roeser (<i>Technische Universität Berlin, Germany</i>)
10:30	Carbohydrates@MOFs Efwita Astria (<i>Graz University of Technology, Austria</i>)
10:45 -11:15	Coffee break
11:15	Adsorption Capacity and Selectivity in Dry and Humid Environments Katharina Peikert (<i>Micromeritics GmbH, Germany</i>)
11:30	MOF@SAW Alexander Reiner (<i>Univ. Augsburg, Germany</i>)
11:45	Multi-technique analysis of the hydration in copper carboxylate Metal Organic Frameworks: a comparison between STAM-1, STAM-17-OEt and HKUST-1. Angela Terracina (<i>Università di Palermo and Università di Catania, Italy</i>)
12:00	Engineering Titanium MOFs for Environment and Energy Related Applications Sujing Wang (<i>IMAP, CNRS-ENS-ESPCI, PSL Université, Paris, France; University of Science and Technology of China, Hefei, China</i>)
12:15	Metal-free aerobic oxidative coupling of amines by N-heterocyclic COFs Sara Abednatanzi (<i>Ghent University, Belgium</i>)
12:30	Magnesium exchanged zirconium metal-organic frameworks with improved detoxification properties of nerve agents Rodrigo Gil San Millan (<i>Univ. of Granada, Spain</i>)
12:45 - 14:00	Lunch break

14:00	Our Journey of Exploring Multifunctional Metal-Organic Framework Materials through Global Collaboration
<i>Plenary lecture</i>	Prof. Banglin Chen (<i>University of Texas at San Antonio, Texas, USA</i>)
15:00	Local Structures of Metal-Organic Frameworks in Action
	Ana Eva Platero-Prats (<i>Universidad Autonoma de Madrid, Spain</i>)
15:15	Vapour-phase deposition of HKUST-1 films
	Sabina Rodríguez-Hermida (<i>cMACS, KU Leuven-University of Leuven, Belgium</i>)
15:30	Investigation of New Hosts for the Development of Type 2 Porous Liquids
	Deborah E. Crawford (<i>Queen's University Belfast, United-Kingdom</i>)
15:45 - 16:15	Coffee break
16:15	Metal-Organic Polyhedra as Molecular Nanoparticles
	Arnaud Carné-Sánchez (<i>ICN2, Barcelona Institute of Science and Technology, Spain</i>)
16:30	Computational exploration of unusual water adsorption mechanisms in MOFs
	Paulo Graziane Mendonça Mileo , (<i>Univ. Montpellier, CNRS, ENSCM, France</i>)
16:45	Titanium MOFs as extraordinary additives to sunscreens for UV protection and scavengers for harmful byproducts of reactive oxygen species
	Anne Boehme (<i>Texas A&M University, and Framergy, Inc, USA</i>)
17:00	Simple fabrication of patterned MOF thin films via area selective deposition of ZnO by Spatial Atomic Layer Deposition
	Chiara Crivello (<i>Univ. Grenoble Alpes, CNRS, Grenoble INP, LMGP, France</i>)
17:15	Green and scalable synthesis of zirconium MOFs by mechanochemistry
	Tomislav Stolar (<i>Ruđer Bošković Institute, Zagreb, Croatia</i>)
17:30	tba
17:45	Concluding remarks