

EuroMOF 2019 Young Investigator Symposium

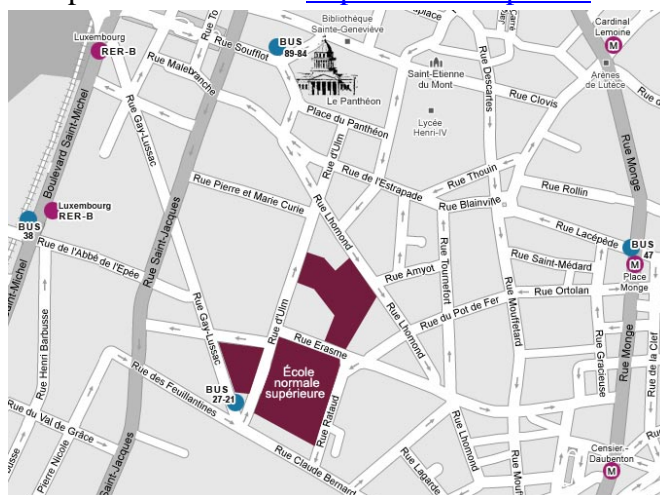
ENS, Paris, 26th October 2019

Venue

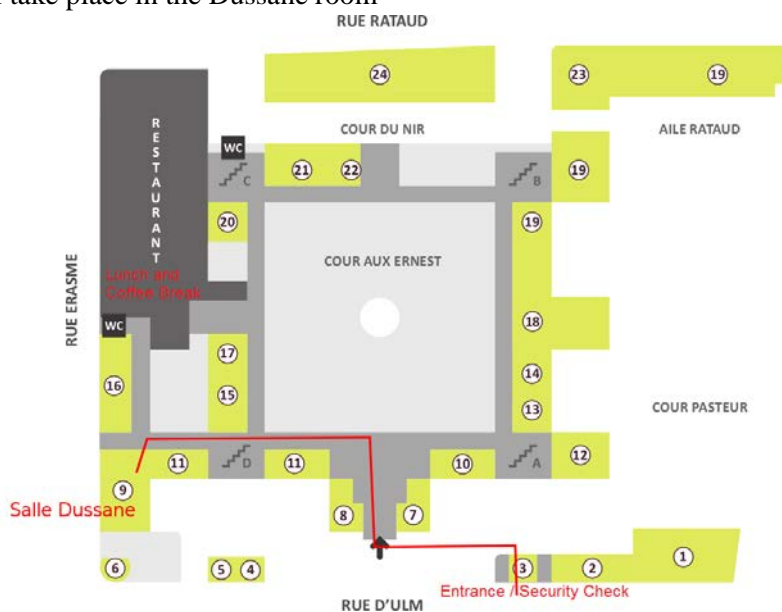
Note that a security check may be performed at the entrance and you might be asked to provide a proof of identity.

ENS is located at **45 rue d'Ulm, 75005 Paris.**

It can be reached through several public transports: RER B, station Luxembourg, Metro line 7, station Censier Daubenton, Metro line 10, station Cardinal Lemoine, Bus lines 27,71... Paris public transportation website: <https://www.ratp.fr/en>



The meeting will take place in the Dussane room



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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	New insights into the degradation mechanism of Metal Organic Frameworks for bioapplications Ioanna Christodoulou (<i>ISMO, CNRS, Université Paris Sud, Orsay, France</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 <i>Plenary lecture</i>	Our Journey of Exploring Multifunctional Metal-Organic Framework Materials through Global Collaboration 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 Arnau 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	Data mining for interesting separation materials in published adsorption isotherms Paul Iacomi (<i>MADIREL, Université Aix-Marseille, ICGM, Université de Montpellier, France</i>)
17:45	Concluding remarks