



# Functional Nanomaterials Symposium

FuNMat 2015, 30<sup>th</sup> of July, Prague, CZ

## Program 2015

The registration desk opens at 7.30 a.m.

Venue: Charles University in Prague, Department of Organic Chemistry, CH1, Hlavova 8, 128 43 Praha 2, CZ

Thursday, July 30

08:30	MICHAEL J. BOJDYS (Charles University in Prague, CZ) <b>OPENING REMARKS</b>
09:00	NEIL B. MCKEOWN (University of Edinburgh, UK) <i>Polymers of intrinsic microporosity for use as molecular sieve membranes</i>
09:30	ARNE THOMAS (Technische Universität Berlin, D) <i>Organic zeolites: Functional microporous polymer networks for catalysis and energy applications</i>
10:00	<b>COFFEE BREAK</b>
10:30	MARTIN KALBAC (J. Heyrovsky Inst. of Physical Chemistry, CZ) <i>Addressing of individual layers in multilayered graphene samples</i>
11:00	CHARL F. J. FAUL (University of Bristol, UK) <i>Aniline-based functional materials: from sub-monolayers to 3D porous architectures.</i>
11:30	MICHAEL MASTALERZ (Ruprecht-Karls-Universität Heidelberg, D) <i>Triptycene-based large pyrene-fused pyrazaacenes – molecules designed to pack or not to pack.</i>
12:00	<b>LUNCH BREAK</b>
13:00	TOM HASELL (University of Liverpool, UK) <i>Crystal engineering with porous organic cages</i>
13:30	ANNA FISCHER (Universität Freiburg, D) <i>Design of nanostructured functional materials</i>
13:00	PETR NACHTIGALL (Charles University in Prague, CZ) <i>Two-dimensional vs. three-dimensional zeolites: computational approach</i>
14:30	JIRI CEJKA (J. Heyrovsky Inst. of Physical Chemistry, CZ) <i>Synthesis of unfeasible zeolites from two-dimensional zeolite layers</i>
15:00	<b>COFFEE BREAK</b>
15:30	JIAYIN YUAN (Max Planck Institute of Colloids and Interfaces, D) <i>Nanoporous gradient poly(ionic liquid) membranes</i>
16:00	MIRIAM UNTERLASS (Vienna University of Technology, A) <i>Hydrothermal Polymerization of Polyimides</i>
16:30	JAN SEDLACEK (Charles University in Prague, CZ) <i>Substituted polyacetylenes: from linear polymers to porous networks.</i>
17:00	CAFER T. YAVUZ (KAIST, KR) <i>Rational increase in CO<sub>2</sub> capture of inexpensive Covalent Organic Polymers (COPs) by permanent amine grafting</i>
17:30	CHRISTOPH MERSCHJANN (FU Berlin & Helmholtz-Zentrum Berlin, D) <i>Interplanar charge transport in polymeric graphitic carbon nitrides or: how to complement graphenes?</i>
18:00	TIM FELLINGER (Max Planck Institute of Colloids and Interfaces, D) <i>Carbon Nanomaterials via Ionothermal Carbonization/Reprecipitation</i>
18:30	<b>DRINKS RECEPTION AND POSTER SESSION</b>
20:00	<b>POSTER PRIZE AWARDS</b>