

MICROMERITICS DAY IN PRAGUE

30 years of collaboration between Micromeritics and J. Heyrovský Institute of Physical Chemistry



mi micromeritics®
The Science and Technology of Small Particles™



Who:

J. Kenvin

Micromeritics

A. Zukal

J. Heyrovský Institute

K. Hořínek

E-lab

J. Jagiello

Micromeritics

P. Nachtigall

Charles University

J. Fränzl

SY-Lab

When: April 16, 2013

**Where: R. Brdička Lecture Hall
J. Heyrovský Institute of Physical Chemistry**

Excursion to the laboratory

**On the occasion of Instrument Grant program donated by Micromeritics
to the Department of Synthesis and catalysis**

PROGRAM OF THE MICROMERITICS DAY, APRIL 16, 2013

- 8.30-8.35 Introduction**
Jiří Čejka
- 8.35-8.45 Micromeritics Corporation, Grant Program**
Jörg Fränzl
- 8.45-9.10 30 years of Micromeritics in J. Heyrovsky Institute**
Arnošt Zukal
- 9.10-9.40 Micromeritics in Czech Republic and Slovakia**
Karel Hořínek
- 9.40-10.00 Advanced Gas Adsorption Technology - 3FLEX**
Jörg Fränzl
- 10.00-10.20 New zeolite-based materials**
Pavla Chlubná
- 10.20-10.40 Metal-organic-frameworks in adsorption and catalysis**
Maksym Opanasenko
- 10.40-11.00 Theoretical Studies of Adsorption on Metal-Organic-Frameworks**
Lukáš Grajciar
- 11.00-11.40 Coffee Break – Visit of the laboratory**
- 11.40-12.20 Heat of Adsorption for Catalysts and Sorbents**
Jeff Kenvin
- 12.20-13.00 Controlling the Adsorption Enthalpy of CO₂ in Zeolites by Framework Topology and Composition**
Petr Nachtigall
- 13.00-13.40 Effects of Geometrical Corrugation and Energetical Heterogeneity of Pore Walls on Gas Adsorption in Nanoporous Materials. Influence on the Pore Structure Analysis**
Jacek Jagiello
- 13.40-13.45 Closing Remarks**
Jiří Čejka