

Advanced Porous Materials Workshop 2013 (APMW-2013)

National Institute of Chemistry, Ljubljana, Slovenia
18-19 April 2013

PROGRAM

Thursday, 18 April 2013

Lecture Hall

08:15-08:50	Registration
08:50-09:00	Welcome
09:00-09:40	Heat of Adsorption for Porous Materials Determined from Micro-Calorimetry and Traditional Isothermic Methods <i>J. Kenvin, Micromeritics Instrument Corporation, Norcross (GA), USA</i>
09:40-10:20	Gradient Porous Certified Reference Set <i>N. A. Prokudina, Expert-Analytical Centre, Advanced Complex Technologies Association, Moscow, Russia</i>
10:20-10:40	Coffee break
10:40-11:20	Adsorption Studies on Bimetallic Catalysts <i>K. Föttinger, Technical University Vienna, Austria</i>
11:20-12:00	The Role of Ceria on Pd/PdO-Based Combustion Catalysts <i>A. Trovarelli, University of Udine, Italy</i>
12:00-12:40	Environmental Applications of Heterogeneously Catalyzed Processes <i>A. Pintar, National Institute of Chemistry, Ljubljana, Slovenia</i>
12:40-13:30	Buffet-style lunch
13:30-13:50	Water Sorption Studies in Porous Materials for Heat Storage Applications <i>N. Zabukovec Logar, National Institute of Chemistry, Ljubljana, Slovenia</i>
13:50-14:30	New Methodology for Synthesis of Zeolites <i>J. Čejka, J. Heyrovský Institute of Physical Chemistry, Prague, Czech Republic</i>
14:30-15:10	Metal Fluoride Materials with Uncommonly High Surface Areas: Preparation Approaches and Some Peculiarities <i>T. Skapin, Jožef Stefan Institute, Ljubljana, Slovenia</i>
15:10-15:50	The Pore Structure of Cementitious Composites <i>A. Mladenović, Slovenian National Building and Civil Engineering Institute, Ljubljana, Slovenia</i>
15:50-16:10	Coffee break
16:10-16:50	Crystal Structure and Sorption Studies of a Robust Metal-Organic Framework <i>M. Florea, University of Bucharest, Romania</i>
16:50-17:30	Hierarchical Porosity Within Poly(High Internal Phase Emulsions): From Micro to Macro <i>P. Krajnc, University of Maribor, Slovenia</i>
20:00-22:00	Dinner (»Sokol« restaurant in the city center)

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Lecture Hall & Labs

09:00-09:40	The Role of Porosity in Transport of Charge and Mass: From Batteries to Drugs <i>M. Gaberšček, National Institute of Chemistry, Ljubljana, Slovenia</i>	
09:40-10:20	Adsorption Models for the Characterization of Porous Carbons with Energetically Heterogeneous and Geometrically Corrugated Pore Walls. Two-Dimensional NLDFT Approach <i>J. Jagiello, Micromeritics Instrument Corporation, Norcross (GA), USA</i>	
10:20-10:40	Coffee break	
10:40-11:20	High-Temperature Fuel Cells <i>J. Maček, University of Ljubljana, Slovenia</i>	
11:20-12:00	Gas Sorption by Coals <i>J. Lakatos, Miskolc University, Hungary</i>	
12:00-12:10	Transfer to laboratories at NIC	
12:10-13:30	Hands-on session #1a	Hands-on session #1b
13:30-14:20	Buffet-style lunch	
14:20-15:40	Hands-on session #2a	Hands-on session #2b
15:40-16:00	Concluding remarks	



SY-LAB

