

Second ENMIX Workshop, Vatnahalsen, Norway, September 15/16, 2011

The "European Nanoporous Materials Institute of Excellence (ENMIX)" and the "European Membrane House (EMH)" arranged a common workshop dedicated to "**Novel Materials for Future Energy Supply and a Clean Environment**" at the Vatnahalsen Høyfjellshotell in Myrdal, Norway, September 15/16, 2011. The remote location of the hotel in the fascinating landscape of the Western Norwegian fjords and mountains contributed to good framework conditions for the scheduled scope of the workshop.

23 junior and senior scientists associated to ENMIX and EMH participated in the workshop, which was devoted to three topical areas, each of them introduced by an invited lecture:

1. **Porous materials in future energy supply**, invited lecturer: R. Rakoczy, Süd-Chemie AG
2. **Membranes/filters/adsorbents for improved separation and purification**, invited lecturer: G. M. Rios, University of Montpellier
3. **Advanced environmental applications using porous materials, including "clean water"**, invited lecturer: M. Derewinski, Polish Academy of Sciences

Each invited lecture was followed by short presentations (5-10 minutes) by workshop participants before a final Round Table Discussion concluded the topical sessions.

All Round Table discussions were moderated by a scientist and the outcome was summarized by a secretary. The objective of the workshop was to contribute to a further development of ENMIX and the EMH with respect to a closer cooperation, common fund raising, generation of project ideas (proposals, master and Ph-D theses), personnel exchange etc.

A summary of the program was as follows:

Topic no. 1: Porous materials in future energy supply

Invited lecturer: R. Rakoczy, Süd-Chemie, Germany

Short essays: Y. Traa, Univ. of Stuttgart, Germany

L. Sommer, Univ. of Oslo, Norway

A. Lind, SINTEF, Norway

M. Mazaj, NICS, Slovenia

M. Märçz, Univ. of Oslo, Norway

Round table discussion

Topic no. 2: Membranes/filters/adsorbents for improved separation and purification

Invited lecturer: G.M. Rios, Univ. of Montpellier, France

Short essays: A.E. Pagana, CPERI/CERTH, Greece

S.D. Sklari, CPERI/CERTH, Greece

A. Inan, Univ. of Stuttgart, Germany

Round table discussion

Topic no. 3: Advanced environmental applications using porous materials, including "clean water"

Invited lecturer: M. Derewinski, PAS, Poland
Short essays: N. Novak Tusar, NICS, Slovenia
V. Meynen, Univ. of Antwerp, Belgium
V.P. Santos, TUDelft, The Netherlands
Round table discussion



Participants of the workshop