

**1st WORKSHOP ON MATERIALS FOR HEAT STORAGE IN THE SCOPE
OF ERA-NET PROJECT "STOREHEAT"
Lecture Hall, National Institute of Chemistry, Ljubljana
PROGRAM**

MONDAY, OCTOBER 17, 2011

08.00-13.30 Registration

13.30 Welcome

Chairlady: Nataša Zabukovec Logar

13.45 Stefan Henninger

Determination of thermo-physical characteristics of sorption materials with regard to heat storage and transformation

The Fraunhofer Institute for Solar Energy Systems, Freiburg, Germany

14.30 Juan Manuel Coronado Carneiro

Solid-gas reactions for solar heat storage at low and high temperatures

IMDEA Energy Institute, Madrid, Spain

15.15 Break

Chairlady: Alenka Ristić

15.30 Uroš Stritih

Innovative technologies to reduce energy consumption in buildings with use of PCM materials

Faculty of Mechanical Engineering, University of Ljubljana, Slovenia

16.10 Andrej Kitanovski

Slovenian Competence Centre TIGR : Energy Sources for Sustainable Buildings

Faculty of Mechanical Engineering, University of Ljubljana, Slovenia

16.30 Vladimir Gumilar/Andrej Golob

MESSIB Project (Multi Source Energy Storage System Integrated in Building): Aims and Objectives

Construction Cluster of Slovenia

16.50 Andrej Horvat

Large-scale production of porous materials

Silkem d.o.o., Kidričevo, Slovenia

17.10 Tomaž Fakin

Granulation of zeolites

Silkem d.o.o., Kidričevo, Slovenia

17.30 Guided tour to Ljubljana old town

20.00 Dinner

TUESDAY, OCTOBER 18, 2011

Chairman: Stefan Henninger

15.00 Boris Orel

Coatings for solar thermal systems

National Institute of Chemistry, Ljubljana, Slovenia

15.40 Alenka Ristić

Microporous aluminosphosphates: Promising materials for heat transformation applications

National Institute of Chemistry, Ljubljana, Slovenia

16.00 Break

Chairman: Juan Manuel Coronado Carneiro

16.20 Tadeja Birsa Čelič

Fe-MOFs: Thermal and sorption behaviour

National Institute of Chemistry, Ljubljana, Slovenia

16.40 Matjaž Mazaj

A new MOF-type Ca-terephthalate: investigations of thermal properties and structural dynamics

National Institute of Chemistry, Ljubljana, Slovenia

17.00 Discussion

17.30 Closing remarks