

# WORKSHOP

## LOW EXERGY SYSTEMS IN BUILDINGS

Monday, 19<sup>th</sup> of March 2007, University of Padua

### Tentative Agenda

- 14:30 Michele De Carli, University of Padua, Italy  
Introduction and welcome
- 14:40 Dietrich Schmidt, Fraunhofer Institute for Building Physics, Kassel, Germany  
Overview on the activity in the field of Low Exergy Systems
- 14:55 Masanori Shukuya, Musashi Institute of Technology, Japan  
Principles of Exergy
- 15:10 Bjarne W. Olesen, DTU, Denmark  
Indoor environment
- 15:25 Gudni Johannesson, KTH-The Royal Institute of Technology, Sweden  
Intelligent building envelopes
- 15:40 Dirk Muller, TU Berlin, Germany  
Radiant systems coupled with PCM
- 15:55 Roberto Zecchin, University of Padua  
Other possibilities of low exergy HVAC systems
- 16:10 Ken Church, Canada

## Centralised production and district heating and cooling

16:25 Peter Op't Veld, The Netherlands

Low Ex in Practice – The Minewater project

16:40 [Christopher](#) Koroneos

Exergy Accounting and Sustainability

16:55 Piercarlo Romagnoni, IUAV, University of Venice, Italy

Energy Certification in Italy

17:10 Claudio Meneghini, Clever Building, Italy

Complete design of efficient buildings and HVAC systems in small scale

17:25 Open discussion