

LOW EXERGY BUILDINGS WORKSHOP
“VERSO UN USO PIU’ RAZIONALE DELL’ENERGIA NEGLI EDIFICI”

LOW EXERGY BUILDINGS WORKSHOP
“TOWARDS A MORE RATIONAL USE OF ENERGY IN BUILDINGS”

Padova -Thursday, April the 14th 2005

The workshop of the 14th of April will take place in:
"Cassa di Risparmio di Padova e Rovigo" Sarameola di Rubano, about 10 km from
Padova.

8:45 Registration

9:30 Opening

10:00 The problems of the climatic changes

Alberto Cavallini, University of Pava, Italy

10:25 The idea of the 2000 W society proposed by Swiss researchers

Markus Koschenz, EMPA, Switzerland

10:50 Can exergy help for saving energy?

Masanory Shukuya, Musashi Institute of Technology, Japan

11:15 Indoor environment and low exergy systems

Bjarne W. Olesen, DTU, Technical University of Denmark

11:40 Optimisation of the building envelope

Giorgio Nobile, Schüco Italy

12:05 Materials and technologies for low energy buildings

to be defined

12:30 Low exergy buildings

Dietrich Schmidt, Fraunhofer Institut, Kassel, Germany

13:00 Buffet

14:00 Cogeneration and district heating

Roberto Zecchin, University of Pava, Italy

14:25 Economical aspects and bureaucracy for cogeneration plants in the new Italian energy
market

APS SINERGIA S.p.A., Italy

14:50 New developments in components for HVAC systems

Gudni Jóhannesson; KTH, Royal University of Stockholm, Sweden

15:15 Technical progresses in heat pumps

Mauro Mantovan; HIREF GALLETTI GROUP S.p.A., Italy

15:40 Building Automation and energy saving

Fabrizio Limani, SIEMENS BUILDING TECHNOLOGIES S.p.A., Italy

16:05 The philosophy for applying the integrated design of soft heating and cooling technologies

Robert Meierhans, China Academy of Building Research, Beijing, China

16:30 Possibilities in the field of Photovoltaic and solar collectors

Paolo Posa, CARLIEUKLIMA S.p.A., Italy

16:55 Problems and possibile energy reductions at local level

to be defined

17:20 The new European Energy Directive and the Certificate of Buildings

Gerd Hauser, Fraunhofer Institute, University of München, Germany

17:45 Conclusion and discussion

18:30 Closing