

Low Energy and Low Exergy Days

at KTH 17-19th of May 2004

On the **17th of May 2004 at 9.30 – 17:00** at KTH-Building Technology, Library Brinellvägen 34, Stockholm, there will be a

Seminar on Energy Conservation and Low Exergy Systems

09:30	Gathering with refreshments
10:00	Prof. Gudni Jóhannesson (KTH) Welcome and introduction
10:10	Prof. Masanori Shukuya (Musashi Inst. of Technology) Application of the exergy concept for the human environment
10:30	Markus Koschenz (EMPA) Low exergy systems in standardisation
10:50	Prof. Gerd Hauser (University of Kassel) Background and Basics of the used Primary Energy Approach
11:10	Dr. Anton Maas (University of Kassel) The European Directive on Energy Performance of Buildings and its Impact in Germany
11:30	Kirsten Höttges (University of Kassel) The German Energy Conservation Regulation for Buildings (EnEV)
11:45	Angelika Kammer (University of Kassel) Application of EID on Existing Buildings (EID Bestandsenergiepass)
12:00	Lunch
13:10	Dr. Michele de Carli (University of Padova) Thermally Activated Building Systems in Italian Construction Techniques.
13:30	Thomas Thorsell (KTH) High performance insulation
13:50	Tekn. Lic. Peter Platell (Lowte AB) The Lowte system
14:10	Arne Hellström, LO Andersson (Strängbetong), Alexander Engström (TermoDeck International) Termodeck, the saga
14:40	Coffee break
15:00	Dr. Jan Akander (Flooré AB) Floor heating systems
15:20	Prof. Bruno Keller (ETH) The Tip Top building in Beijing
15:40	Tekn. Lic. Göran Hed (Gävle University) Rational use of phase change materials
16:00	Gen Fujii (KTH) IT based energy information services
16:20	Dr. Kjartan Gudmundsson (KTH) The PKM (Cost, quality, environment) procurement method
16:40	Discussion and closure; Prof. Gudni Jóhannesson (KTH)

EPBD in Germany

This seminar is arranged a part of a co-operation between the University of Kassel in Germany and KTH financed by the Swedish Foundation for International Cooperation in Research and Higher Education (STINT) and within the framework of the **International Society for Low Exergy Systems for Heating and Cooling in Buildings (LowExNet)**.



KTH Civil and
Architectural Engineering

U N I K A S S E L
V E R S I T Ä T



• On the **18th of May at 14:00** in Kollegiesalen, Valhallavägen 79 we have the public defense of the doctoral dissertation of **Tim Weber – Energy Performance of Buildings / Methodologies for Experimental Verification**. Public opponent is Prof. Gerd Hauser from the University of Kassel.

• On the **19th of May at 10:00** in Kollegiesalen, Valhallavägen 79 we have the public defense of the doctoral dissertation of **Dietrich Schmidt–Methodology for the Modelling of Thermally Activated Building Components in Low Exergy Design**. Public opponent is Prof. Bruno Keller from ETH.