

WorkshopWorkshopWork

New Ways for Energy Systems in Sustainable Buildings – Bringing the Exergy Concept closer to the Building Profession

23rd of September 04
9:50 – 17:00

Technical Univeristy
of Eindhoven,
Auditorium in
Collegezaal 12

- 09:50 **Welcome and opening**
Dr. Elisa Boelman (Delft University of Technology, NL)
- 10:00 **Basics and chances of the exergy concept**
Prof. Masanori Shukuya (Musashi Inst. of Technology, JP)
- 10:20 Questions & Answers
- 10:30 **Brief self-introduction of each participant**
- 10:50 Coffee break
- 11:10 **Exergy tools for the built environment**
Dr. Ir. Rene Cornelissen (CCS BV, NL)
- 11:30 Questions & Answers
- 11:40 **Exergy analysis and product design**
Ir. Bernadete Castro (Delft University of Technology, NL)
- 12:00 Questions & Answers
- 12:10 Lunch
- 13:30 **Scope and work of IEA Annex 37**
Dr. Markku Virtanen
(The Finnish Development Centre for the Building Services Ltd., FIN)
- 13:50 Questions & Answers
- 14:00 **Examples of exergy analyses in buildings**
Dr. Dietrich Schmidt (Fraunhofer Institute for Building Physics, GER)
- 14:20 Questions & Answers
- 14:30 Coffee break
- 14:50 **Components and technologies for low exergy buildings**
Prof. Gudni Jóhannesson
(KTH – The Royal Institute of Technology, SE)
- 15:10 **Questions & Answers**
- 15:20 **International examples of retrofitted and new buildings**
Ir. Paul Ramsak (NOVEM, NL)
- 15:40 Questions & Answers
- 15:50 **Summary and closing**
Dr. Elisa Boelman (Delft University of Technology, NL)
- 16:00 **Informal networking**
- 17:00 End.

Please register by monday, september 20, 14:00 h at the reception desk



Low Energy and Low Exergy Day
23rd of September 2004, TU Eindhoven