



Workshop Programme IEA HPP Annex 32 9th IEA Heat Pump Conference

Monday, May 19, 2008, Afternoon

Introduction to state-of-the-art

- | | | |
|---------------|--|----------------|
| 13.30 – 13.45 | Introduction to low energy houses and the building systems | (C. Wemhöner) |
| 13.45 – 14.00 | Presentation of interim results NL
Market introduction for low energy houses and systems in the Netherlands | (O. Kleefkens) |

Integrated heat pump developments

- | | | |
|---------------|--|----------------|
| 14.00 – 14.15 | Presentation interim results AT
System layout, cycle evaluation and system simulations of integrated heat pump prototype for the capacity range of 3-5 kW | (R. Rieberer) |
| 14.15– 14.30 | Presentation interim results CH
Systems for energy efficient space heating/–cooling with heat pump | (Th. Afjei) |
| 14.30 – 14.45 | Presentation interim results US
Design/testing of a highly integrated prototype for Net Zero Energy Houses | (V. Baxter) |
| 14.45 – 15.00 | Presentation interim results SE
Redesign/development of Swedish heat pumps for low energy houses | (S. Ruud) |
| 15.00 – 15.15 | Presentation interim results JP
Optimisation of Japanese heat pump systems in moderate climate region | (S. Kindaichi) |
| 15.15 – 15.30 | Presentation interim results NO
High-efficiency heat pump water heater system for apartment buildings of passive house standard | (J. Stene) |

15.30 – 16.00 *Coffee break*

Field-testing of low energy houses with integrated heat pump systems

- | | | |
|---------------|--|-------------|
| 16.00 – 16.15 | Presentation interim results DE
Performance/optimisation of state-of-the art residential heat pump | (M. Miara) |
| 16.15 – 16.30 | Presentation interim results CA
Low energy houses in Canada: National initiatives and realisations | (V. Minea) |
| 16.30 – 16.45 | Presentation interim results NO
Field results of novel water-water propane heat pump installed in a passive house | (J. Stene) |
| 16.45 – 17.00 | Presentation interim results JP
Field test of ground-coupled heat pump for cold climate region of Japan | (K. Nagano) |

Conclusion

- | | | |
|----------------------|---|---------------|
| 17.00 – 17.15 | Conclusions and outlook on further activities in IEA HPP Annex 32 | (C. Wemhöner) |
| 17.15 – 17.30 | <i>Discussion</i> | |

IEA HPP Annex 32

IEA HPP Annex 32 is a corporate research project on technical building systems with heat pumps for the application in low energy houses.
The project is accomplished in the Heat Pump Program (HPP) of the International Energy Agency (IEA).

Internet: <http://www.annex32.net>

