

9th November 2006

09:00 **Registration**

09:30 **Welcome and Opening Address**

Prof. Dr. W. Kastner – Vienna University of Technology
J. Demarest – Admin. & Cert. Director, KNX Association

SESSION 1: J. Demarest

10:00 **New opportunities in smart metering with KNX**

Mr S. De Bruyne, KNX Association

10:30 **Possible impact of intelligent technologies application in residential buildings on energy efficiency**

Mr M. Zalesak – Tomas Bata University Zlin

11:00 **Experimentation through the comparison of heating and lighting system performance in buildings with or without an automation control system**

Ms M. Chiogna – University of Trento

11:30 **KNX-based Energy Efficient Heating and Lighting in Educational Buildings**

Prof. M. Mevenkamp, Hochschule Bremen

12:00 **Lunch**

SESSION 2: W. Kastner

13:00 **EIBsec: A Security Extension to KNX**

Mr W. Granzer, Vienna University of Technology

13:30 **Policy-based approach for user privacy protection in the KNX Aware House**

Dr. C Fernández-Valdivielso – Universidad Publica de Navarra

14:00 **A versatile networked embedded platform for KNX**

Mr F.Praus – Vienna University of Technology

14:30 **Implementation of the KNX landscape**

Dr. T. Weinzierl – Weinzierl Engineering GmbH, Tyrlaching

15:00 **Coffee Break**

SESSION 3: S. De Bruyne

15:30 **Interoperable Web Services for Building Automation: Integrating KNX**

Mr M. Neugschwandtner – Vienna University of Technology

16:00 **XML Encoding**

Mr H.-J. Langels – Siemens AG

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SESSION 4: G. Neugschwandtner

09:00 **Application controller on the KNXnet/IP medium**

Mr Achim Fecke – WAGO Kontakttechnik GmbH & Co. KG

09:30 **SIM - KNX a serial interface for KNX**

Mr Petar Tomic, Tapko Technologies GmbH

10:00 **The Power of Open Source Components: A Lecture Hall Automation Showcase**

Prof. H.W. Werntges – University of Applied Sciences, Wiesbaden

10:30 **My Home – Development of a visualization application for KNX**

Prof. Dr.-Ing. A. Grzempa, University of Applied Sciences Deggendorf

11:00 **Coffee Break**

SESSION 5: H.-J. Langels

11:30 **Caching and mapping of KNX datapoints to BACnet within a gateway**

Mr A. Braumandl, University of Applied Sciences Deggendorf

12:00 **Comparative Analysis of EIB/KNX and LonWorks Standards**

MSc. A. Ozadowicz, AGH – University of Science and Technology, Krakow, Poland

12:30 **Wireless Communication in KNX**

Mr C. Reinisch – Vienna University of Technology

13:00 **Lunch**

13:30 **Field trip/Excursion**

Plans are currently being made for delegates to visit a KNX installation in Vienna. This will be the perfect opportunity to see such an installation in action. Why not join us! If you are interested, please tick below.

() I/we wish to participate in the field trip.

Note: More information will be given on the first day of the conference.

Registration

Please register me for the KNX Scientific Conference 2006:

[] 09th November 2006

[] 10th November 2006

Name(s):

Company:

Department:

Address:

Phone:

Fax.:

e-mail:

VAT N°:

I will pay EURO after receipt of the invoice.

[] KNX Association invites you to participate at a joint dinner, to be held on the evening of the 9th November, starting time 7.00 p.m. The location will be announced during the Conference. Please tick if you would like to participate.

Date, City:

Signature:

Please return this form before the **2nd November 2006 by fax or mail**