

TRAVEL SUGGESTIONS

By air: Brussels Airport or Antwerp Airport. The De Nayer Instituut is about 20 minutes from both airports by train.

By train: Please see the institute's website for information.

Bus Please see the institute's website for information.

By car: There is plenty of parking space at the institute. Please check the website for instructions.

www.denayer.wenk.be

Travel instructions to be found in the download section.

For further information on Mechelen, maps, travel etc.

www.mechelen.be

Contact and further information:

KNX Association
Bessenveldstraat 5
B-1831 Diegem

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e-mail: hazel.johnson@knx.org

The Worldwide STANDARD for
Home and building control!

Conference Fees

Standard Fee non-members	€ 75,- first day € 50,- second day € 100 both days
KNX Members KNX Scientific Partners Students Speakers, press and Programme Committee members	FREE OF CHARGE

Payment

You will be sent an invoice after the event. Payment shall be made by bank transfer. Any no-show of a registered delegate will be invoiced, if not cancelled one week prior to the event.

Conference Chairs

Mr Jan Derua, De Nayer Instituut
Mr Joost Demarest, KNX Association

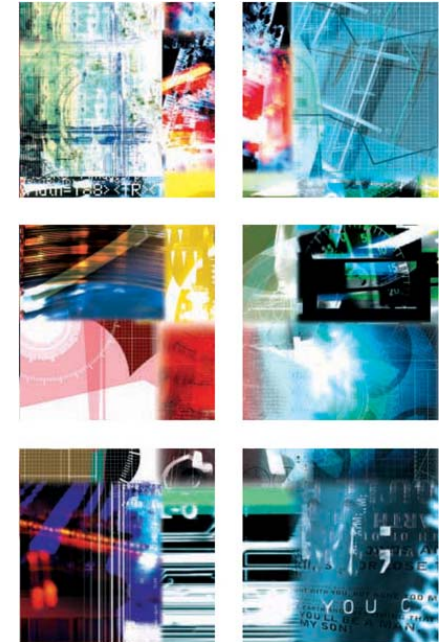
Hotel Accomodation

Hotel Carolus (please mention "De Nayer")
Guido Gezellelaan 49
2800 Mechelen
Single rooms € 78,00 pp per night
Tel.: +32 (0)15/287141 Fax.: +32 (0)15/287142
- www.hetanker.be

Hotel den Wolsack (please mention "De Nayer")
Wollemarkt 16
2800 Mechelen
Single rooms € 90,70, double rooms € 109,80
Tel.: +32 (0)15/569520 Fax.: +32 (0)15/560505
- www.denwolsack.com

There is also a good youth hostel nearby.
"Zandpoortvest"
Double rooms € 43,60 (a few single rooms available)
- www.mechelen-hostel.com

- Website for hotels in Mechelen: www.hotels-world.com



KNX Scientific Conference 2008

Invitation and Programme

**St. Katelijne-Waver,
20th and 21st November 2008**

Venue

De Nayer Instituut
Jan De Nayerlaan 5
B-2860 St. Katelijne-Waver

20th November 2008

09:00 **Registration**

09:30 **Welcome and Opening Address**

Mr Jan Derua, De Nayer Instituut
Hazel Johnson, KNX Association

SESSION 1: J. Derua

10:00 **Domotics@home with KNX**

Ms Sylvie De Muynck and Mr J. Goeminne,
KaHo St. Lieven Gent

10:30. **Limits of HVAC based on KNX**

Mr M. Zalesak, Tomas Bata University, Zlin

11:00 **50% Energy Savings by KNX – details and discussion of a promising result**

Prof. M. Mevenkamp, Hochschule Bremen

11:30 **Evolution of KNX Switch Actuators to Basic Components for Energy Saving**

Mr B.-P. Herrmann, Merten GmbH & Co. KG

12:00 **Lunch**

SESSION 2: J. Demarest

13:00 **Security for KNXnet/IP**

Mr D. Lechner, Vienna University of Technology

13:30 **Introducing Security & Authentication in KNX**

Prof.S.Cavalieri and Dr.Ing. G. Cutuli,
University of Catania

14:00 **Secure Communication**

Mr C. Gossé, Hager

14:30 **Coffee Break**

SESSION 3: G. Neugschwandtner

15:00 **Personal Privacy Management in the KNX-Aware Home**

Ms S. Bagües, Siemens AG, University of Pamplona

15:30 **A new Tool Suite for KNX System Components**

Dr. Ing. A. Kinne, Siemens AG

16:00 **KNX IP – using IP networks as KNX medium**

Mr H.-J. Langels, Siemens AG

16:30 **KNX IP Simulation: First Insights**

Prof. W. Kastner, Vienna University of Technology

21st November 2008

SESSION 4: S. De Bruyne

09:00 **Design of an enhanced TP-UART based KNX PC interface**

Mr A. Fernbach, Vienna University of
Technology

09:30 **User applications development using embedded Java**

Mr F. Praus, Vienna University of Technology

10:00 **Towards a Human Centered Infrastructure for KNX enabled Intelligent Environments**

Mr C. Kleine-Cosack, Dortmund University of
Technology

10:30 **Enhancing residential automation systems with artificial intelligence**

Mr T. Abinger, Vienna University of
Technology

11:00 **Coffee Break**

SESSION 5: Mr H.-J. Langels

11:30 **Workshop on KNX@home – installation & configuration**

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

12:00 **Interworking**

Mr S. De Bruyne, KNX Association

12:30 **Lunch**

13:30 **Field trip/Excursion**

Enter 2012. Discover the trends in working and living. A visit to "Living Tomorrow" in Vilvoorde is planned.

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 2008

[] 20th November 2008
[] 21st November 2008

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 20th November, starting time 7.00 p.m. The location will be announced during the Conference. Please tick box if you would like to participate.

Date, City:

Signature:

Please return this form before the
31st October 2008 by fax or mail