

TRAVEL SUGGESTIONS

By air: There is an airport in Pamplona. The number 21 bus links the city centre to the airport. Another option is to fly to Madrid and then take a train (please see below).

By train: For useful travel information please go to http://gospain.about.com/od/madrid/qt/to_pamplona.htm

Bus Please see link above.

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

www.unavarra.es

Travel instructions to be found in the download section of the university website.

For further information on Pamplona, maps, travel etc.

www.pamplona.net

Contact and further information:

KNX Association
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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	FREE OF CHARGE
KNX Scientific Partners	
KNX Partners	
Students	
Speakers, press and Programme Committee members	

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

Prof. Carlos Fernández Valdivielso,
Universidad Pública de Navarra
Mr Godehardt Schneider, KNX President

Hotel Accomodation

Hotel Yoldi (please mention "KNX")
Avd San Ignacio, 11
31002 Pamplona
Single rooms € 68,04 pp per night (without breakfast)
Tel.: +34 (0)948/224800
- www.hotelyoldi.com

Hotel Leyre (please mention "KNX")
C/Leyre, 7
31002 Pamplona
Single rooms € 68,60 (including breakfast)
Tel.: +34 (0)948/228500 Fax.: +34 (0)948/228318
- www.hotel-leyre.com



KNX Scientific Conference 2010

Invitation and Programme

4th and 5th November 2010

Venue

Universidad Pública de Navarra
Campus de Arrosadia
31006 Pamplona, Navarra, Spain

4th November 2010

08:15 **Registration**

08:45 **Welcome and Opening Address**

Prof. Carlos Fernández Valdivielso,
Universidad Pública de Navarra
Mr Godehardt Schneider, KNX President

SESSION 1 "Visions": C. Fernández Valdivielso

09:15 **Smart Grid and its Influence on the KNX Smart Home**

Dr. S. Alcalde Bagüés, Mr A. MacWilliams
Siemens AG

09:45 **Green networking and energy efficiency: the KNX case**

Mr M. Aliberti, ISTI Pisa

10:15 **Coffee Break**

SESSION 2 "IP and Web Services": J. Demarest

10:30 **Using IP networks as KNX medium**

Mr H.-J. Langels, TF IP Convenor

11:00 **Congestion Flow Control in KNXnet/IP**

Prof. S. Cavalieri, Mr G. Cutuli, University of Catania
Mr M. Aliberti, University of Pisa, ISTI Pisa

11:30 **Mapping KNX to BACnet Web / Services**

Mr S. Szucsich, Prof. W. Kastner
Vienna University of Technology

12:00 **OPC Unified Architecture in KNX**

Dr. W. Granzer, Prof. W. Kastner
Vienna University of Technology
Mr P. Furtak, NETxAutomation Software GmbH

12:30 **Lunch**

SESSION 3 "Software": S. De Bruyne

13:30 **User configurable SCADA Software Framework**

Professor D. Benítez, Universidad de Las Palmas

14:00 **Presentation & Description of the KNX@Home Interface**

Prof. A. Grzempa, Mr H. Schattenkirchner,
Ms C. Bugariu, University of Applied Sciences
Deggendorf

4th November 2010

14:30 **Measurement data collecting into databases and preparing for data mining**

Mr E. Matijevics, Subotica, Serbia

15:00 **Open source approaches to integrate KNX into media centres**

Mr F. Praus, Mr C. Reinisch,
Mr P. Leitner, Prof. W. Kastner
Vienna University of Technology

15:30 **Coffee Break**

SESSION 4 "Interfacing": Mr H.-J. Langels

15:45 **From Home Automation to Smart Homes**

Mr M. Gallissot, Mr O. Gandit, Sirlan

16:15 **Proxy based approach to expose KNX devices through pervasive computing middleware: architecture and implementation**

Mr V. Palacka, SAE Slovakia, CRES Greece, Warsaw University of Technology, VTT Finland, CERETETH & University of Thessaly Volos Greece

16:45 **Building Automation and Control Multi-Technology System**

Mr R. Martinez, Universidad Politécnica de Madrid

17:15 **Fibre optic sensors integration in a KNX network and remote monitoring**

Mr J. A. Nazabal
Universidad Pública de Navarra

17:45 **Integration of Wireless Systems in Indoor Intelligent Home Systems**

Dr. F. J. Falcone
Universidad Pública de Navarra

In the evening of the first day, there will be a joint dinner offered by KNX Association. If you wish to take part, please make sure you fill in the appropriate box when submitting your registration form.

Note: More information on the time to meet and the location of the restaurant will be given on the first day of the conference.

5th November 2010

SESSION 1 "KNX System Evolution and Development": W. Kastner

08:30 **RF multi-specification**

Mr C. Gossé, Mr S. Robin, Hager

09:00 **KNX RF development kit**

Mr C. Gossé, Mr J. Olsson, Hager

09:30 **Development of new KNX devices**

Mr P. Tomić, Tapko

10:00 **Development of complex KNX devices**

Mr J. Richards, Weinzierl Engineering

10:30 **Coffee Break**

SESSION 2 "Applications": Jan Derua

10:45 **Environment control platform based on KNX and NFC technologies to support daily life**

Mr A. Martinez, Mr M.A. Llorente, Mr J.P. Lázaro
TSB Technologies

11:15 **Lighting Management System using KNX in the remote laboratory of automatic control at the University of León**

Mr Antonio Morán, University of León

11:45 **TangiLight: a tangible interface for complex dynamic lighting control**

Mr M. Gallissot, Mr D. Arfib, Mr V. Valls
Joseph Fourier University

12:15 **Model-based daylight dependent light control using KNX**

Prof. M. Mevenkamp, Mr Miguel Cholbi Collados
Hochschule Bremen

12:45 **Integrating surveillance systems into KNX**

Mr F. Schuster, Mr L. Krammer,
Prof. W. Kastner, Dr. W. Granzer
Vienna University of Technology

13:15 **Field trip/Excursion & lunch**

Join us for a visit to the Navarra Parliament Building and admire the KNX installation!

If you are interested, please tick the appropriate box in the registration form.