

11. - 12. November 2010

e.nova[®]
International
CONGRESS **2010**

Sustainable Buildings
Design - Operation - Evaluation

Campus Pinkafeld

11. - 12. November 2010

e.nova[®]
International
KONGRESS **2010**

Nachhaltige Gebäude
Planung - Betrieb - Bewertung

Fachhochschul-Studienzentrum Pinkafeld

Registration

Anmeldung: conf.fh-pinkafeld.ac.at

THURSDAY | 11TH NOVEMBER 10

09:00-09:30

Accreditation

09:30

Welcome Note

afterwards

Key Note: The Role of Sustainable Buildings in 100% Renewable Energy Systems

Henrik Lund, Professor, PhD, Dr. techn.; Aalborg University; DK

10:00-10:20

Combining of Top Down and Bottom Up Approaches to LCC-Calculation

Prof. (FH) Dr. Tobias Schrag; University of Applied Sciences - FH Kufstein Tirol Bildungs GmbH; A

10:20-10:40

LCC-Calculation for Sustainable Buildings During Planning

DI (FH) Gerhard Hofer; e7 Energie Markt Analyse GmbH; A

10:40-11:00

Discussion

11:00-11:30

Coffee Break + Poster Exhibition

11:30-11:50

Standardised Sustainability?

DI Dr. Alexander Passer, MSc.; Graz University of Technology; A

11:50-12:10

Green Building - Sustainable Construction

DI Mario Kranzl; Dr. Pfeiler GmbH; A

12:10-12:30

Integral Life Cycle Planning Including Sustainability Certificate: ÖGNI/DGNB

DI Dr. Adolf Daniel Merl; PE CEE GmbH; A

12:30-12:50

TQB - The Austrian Building Assessment Standard for Sustainable Buildings

DI Dr. Bernhard Lipp; Austrian Institute for Healthy and Ecological Building; A

12:50-13:00

Discussion

13:00-14:00

Lunch

14:00-14:20

Optimized Operation of Buildings through Simulation

DI Dr. Gerhard Zucker; AIT - Energy Department; A

14:20-14:40

Simplified Thermal Building Models - Basic Principles of Electrical Demand Side Management for Functional Buildings Using Building Automation Systems

DI Klaus Pollhammer; ICT/Vienna University of Technology; A

14:40-15:00

Potential Analysis of Electric Energy Shifting by Means of Thermal Capacity in Non-residential Buildings According to Passive House Standards

DI (FH) Christian Hettfleisch; AIT - Energy Department; A

15:00-15:20

SEGaR - Increasing Energy Efficiency by Adaptive Control Optimisation

DI (FH) Sarah Miehe; University of Applied Sciences Ostfalia; D

15:20-15:40

Smart Facades in Terms of Sustainable Construction

DI Wolfgang Gollner; University of Applied Sciences - FH Joanneum GmbH; A

15:40-15:50

Discussion

15:50-16:20

Coffee Break + Poster Exhibition

16:20-16:40

PCM Integrated in Building Walls: Experiments and Numerical Modeling

Assoc. Prof. Dr. Frédéric Kuznik; National Institute of Applied Sciences; Lyon; FR

16:40-17:00

Thermophysical Characteristics of PCM Trombe Wall's Components

Asst. Prof. Dr. Ali Yusuf Kara; Faculty of Engineering , University of Ataturk, Erzurum; TR

17:00-17:20

Potential Energy Savings through Cooling of Buildings with PCM

Dipl.-Phys. Tobias Schmid; Research Center for Energy Economics; D

17:20-17:40

Use of Latent-heat Storage in Heating and Solar Systems

Univ.-Prof. DI Dr. Wolfgang Streicher; University of Innsbruck; A

17:40-17:50

Discussion

19:00

Congress Dinner

FRIDAY | 12TH NOVEMBER 10

9:00-9:20

Parallel Session 1 (HS 3):

The Impact of the Glazing Surfaces Proportion on Energy Efficiency of Prefabricated Timber-framed Houses

Vesna Žegarac Leskovar, Lecturer; University of Maribor; SL

Parallel Session 2 (HS 1):

Life Cycle Assessment of Building Shells During the Phase of Planning

Prof.(FH) DI Dr. Christian Wartha; University of Applied Sciences Fachhochschulstudiengänge Burgenland Ges.m.b.H.; A

9:20-9:40

Small and Simple is Enough and Beautiful, Building Services in Passive Houses

Prof. Dipl.-Phys. Axel Bretzke; University of Applied Sciences Biberach; D

Assessment of Building and Construction (ABC)-Disposal: Indices for Disposal Characteristics of Buildings and Constructions

Mag. Hildegund Mötzl; Austrian Institute for Healthy and Ecological Building; A

9:40-10:00

Energy Monitoring of HVAC-systems in Elementary Schools

Ing. Hana Pustayová; Slovak University of Technology; SK

Comparative Life Cycle Analysis of Different Construction Technology Systems Using Excel and GEMIS

DI Dr. Peter Holzer; Danube University Krems; A

10:00-10:20

Hybrid Renewable Energy Systems with Hydrogen Storage

Lars Baumann, MSc.;
University of Applied Sciences Ostfalia; D

Energy Efficient Industrial Construction as an Integral Concept

DI Dr. Iva Kovacic;
Vienna University of Technology; A

10:20-10:30

Discussion

10:30-11:00

Coffee Break + Poster Exhibition

11:00-12:30

Parallel Workshop 1 (Sem 2)

Eco-Labels, Appreciation or Absurdity?

Moderation:
DI Theodor Zillner;
BMVIT; A

Parallel Workshop 2 (Sem 3)

Renewables in Highly Efficient Buildings - Synergy or Divergency?

Moderation:
Dr. Herbert Greisberger;
ÖGUT; A

Parallel Workshop 3 (HS 1)

Sustainable Buildings - Engineers Skills as a Bottleneck?

Moderation:
Vice Pres. Dr.-Ing. Zoltán Magyar;
REHVA; H

12:30-13:00

Moderators Summary on Workshops

13:00

Closing of the Congress:

Mission and Goals for Sustainable Buildings as for Research Funding Purposes

MR DI Michael Paula; BMVIT; A

afterwards

Snack

Date	11./12. November 2010
Venue	Fachhochschul-Studienzentrum Pinkafeld Steinamangerstr. 21, A-7423 Pinkafeld
Host Institution	University of Applied Sciences - Fachhochschulstudiengänge Burgenland Ges.m.b.H. Core Competence Energy and Environmental Management
Registration	Online-registration conf.fh-pinkafeld.ac.at
Terms of Cancellation	The registration of participation is binding. In case of cancellation until 30 days before the start of the event 80% will be refunded. In all other cases, the financial responsibilities of the participants remain fully effective.

Congress Fee and Services

Amounts in Euro	Regular	Students (Bachelor/Master)
(VAT exempt according to §6/1/11 UStG (Austrian VAT-law))		
Day 1	150,-	0,-
Congress Dinner	inclusive	
Congress Dinner - Accompanying Person	40,-	
Day 2	150,-	0,-

The registration fee includes attendance at presentations, meals (coffee, snacks and lunch) and the printed proceedings. Students attendance at the parallel workshops depends on availability (day 2).

Information www.fh-burgenland.at/enova2010
You find the detailed programme for our courses in Building Engineering, Energy- and Environmental Technology at www.fh-burgenland.at/EUM



So finden Sie zu uns

A2 Südautobahn – Autobahnabfahrt Pinkafeld - von der Ortstafel noch ca. 400m geradeaus rechts abbiegen in die Ing. Julius Raab Str. - (Beschilderung Technologiezentrum folgen) Studienzentrum ist ca. 100m nach der Tankstelle - (gegenüber von Gasthaus Zapfel)

Travel Information

Southern Highway A2 – Exit: Pinkafeld

400m after the road sign indicating the entrance to the city turn right to Ing. Julius Raab street (follow the road sign to “Technologiezentrum”)

The campus is about 100m after the petrol station, turning left in front of Zapfel restaurant.

MIT SIMULTANÜBERSETZUNG:
 Englisch - Deutsch
 Deutsch - Englisch

SIMULTANEOUS TRANSLATION:
 English - German
 German - English

mit der Unterstützung von / supported by:



Arch+Ing Akademie



Arch+Ing ZT 

