

VIII. ZAGREB ENERGY WEEK 8 – 13 May 2017

We do not wish to stop development, but we can stop pollution!

Tuesday, 9 May 2017
Ćirilometodska 5, Zagreb - Hall A

Under the auspices of the *Ministry of Construction and Physical Planning* and Mayor Milan Bandić, with the support of the *Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management*, in organization with the *City Office of Energy, Environmental Protection and Sustainable Development*
Moderator: Dušanka Šimunović, M. Sc. Arch, Expert Counsellor of the CCA (Croatian Chamber of Architects)

Within the lecture, around 5 minutes are envisaged for the discussion with the lecturers.

PROGRAMME

09:00 – 09:05

Opening Address of the Organizer

Željka Jurković, reg. arch., President of the CCA , lecturer at the *Department of architecture and urbanism of the Faculty of Civil Engineering in Osijek*.....**5 min.**

09:05 – 09:10

Welcome Address

Marijan Maras, Head of the *City Office of Energy, Environmental Protection and Sustainable Development of the City of Zagreb***5 min.**

09:10 – 09:20

Welcome Address and opening of the international professional conference

M.Sc., Danijel Žamboki, MBE, Assistant to Minister for construction and energy efficiency in buildings, *Ministry of Construction and Physical Planning*.....**10 min.**

09:20 – 09:40

Green Building – Construction of the Future

Tai Lee Siang, *World Green Building Council*, Chair.....**20 min.**

09:40 – 10:00

Contemporary Energy Concepts of Nearly Zero-Energy Buildings

Željka Hrs Borković, M. Sc. Arch, Architecture and Energy Efficiency Consultant, *Saepum LTD for consulting, architectural and energy services*...**20 min.**

10:00 – 10:20

Through Advanced Energy Modelling and Optimization to Sustainable Projects for HEEB

Ph.D. Miha Praznik, M.Sc. Mech. Eng., *Gradbeni inštitut ZRMK, Ljubljana*.....**20 min.**

10:20 – 10:50

Energy Storage Concrete - Heating and Cooling with Concrete

Sebastian Spaun, Managing Director, *Association of the Austrian Cement Industry***30 min.**

10:50 – 11:10 _____ COFFEE BREAK _____ 20 min.

- 11:10 – 11:20
Potentials of the Pannonian Competence Centre for Wood
 Ivana Filipović, M.C.E., Project Manager and Director.....10 min.
- 11:20 – 11:35
Pannonian Competence Centre for Wood
 Marko Zeko, M. Sc. Arch,
 Krunoslav Kovač, reg. arch., presentation of the PCCW building.....15 min.
- 11:35 – 11:55
Innovative Wood Construction Systems – Building Construction
 DI, Georg Jeitler, *Hasslacher Norica Timber*.....20 min.
- 11:55 – 12:15
Advanced control for energy-efficient buildings
 Assoc. Prof. Mario Vašak, 3Smart project manager,
 University of Zagreb Faculty of Electrical Engineering and Computing.....20 min.
- 12:15 – 12:45
Modern Austrian architecture – Wood, material of future
 Werner Nusmüller, *Nussmüller Architekten ZT GmbH*.....30 min.
- 12:45 – 13:00
Self-Cleaning Concrete
 Dominik Načinović, student of the *Faculty of Chemical Engineering and Technology* and
 Ivan Rimac, Project and Innovation Manager, *Holcim*, winners of the Gold Medal for
Innovation at the 9th International Exhibition of Inventions 2016., Kunshan, China.....15 min.
- 13:00 – 14:00 _____ BREAK WITH REFRESHMENTS _____ 60 min.
- 14:00 – 14:30
Ecological and Innovative Construction
 Professor, Ph.D. Eng., Azra Korjenic (Zulovic), university professor and researcher,
Institute of Building Construction and Technology,
Centre for Building Physics and Building Acoustics, TU Vienna.....30 min.
- 14:30 – 15:00
BIMaterial - Material Building Pass
 Associate Prof., Ph.D., DI. Arch. Iva Kovacic, *TU Vienna,*
Institut für Interdisziplinäres Bauprozessmanagement.....30 min.
- 15:00 – 15:15
Control Technologies for the Disabled – Voice and Look
 Ph.D. Miroslav Vrankić, Associate prof. at the *Department of Automation and*
Electronics of the Faculty of Engineering, University of Rijeka.15 min.
- 15:15 – 15:30
Participants' Round Table – Conclusions of the Day of the Croatian Chamber of Architects
 Moderator Dušanka Šimunović, M.Sc. Arch., Expert Counsellor of the CCA10 min.