**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 *Embassy of the Kingdom of Denmark* and 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.

 **P R O G R A M M E**

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, Chair *World Green Building Council*

& *Asia Pacific Regional Network*................................................................**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, *Saeptum LTD for consulting, architectural and energy services..*.**20 min.**

10:00 – 10:30

 ***The Vitić Skyscraper Renovation***

Ph.D. Zrinka Paladino, M. Sc. Arch, Deputy Head of the

*City Institute for the Protection of*Cultural*Monuments and*Nature..*..*………...**30 min.**

10:30 – 11:00

***Innovative Housing in Denmark***

Representative of the *Danish Association of Architects* ……….……………....**30 min.**

11:00 – 11:15 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­\_\_\_\_\_\_COFFEE BREAK\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_15 min.

11:15 – 11:30

***Control Technologies for the Disabled – Voice and Look***

###  [Ph.D. Miroslav Vrankić](http://www.riteh.uniri.hr/osoba/miroslav-vrankic), Associate prof. at the *Department of Automation and*

###  *Electronics of the Faculty of Engineering,University of Rijeka. ………….………*15 min.

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11:30 – 11:45

***Potentials of the Pannonian Competence Centre for Wood***

Ivana Filipović, M.C.E., Project Manager and Director. ………………….…………. . ...**10 min.**

11:45 – 11:55

 ***Pannonian Competence Centre for Wood***

 Marko Zeko, M. Sc. Arch,

 Krunoslav Kovač, reg. arch., presentation of the PCCW building…….….…..……......**15 min.**

11:55 – 12:15

**ENHEMS *Building Project***

Prof. Ph.D. Mario Vašak, Project Coordinator, Department of Automation and

Computer Engineering, Faculty of Electrical Engineering and Computing *.…..…….…***20 min.**

12:15 – 12:45

### *Wood as an Innovative Contribution to Sustainability*

Werner Nusmüeller, *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 – 14:20

***Energy Storage Concrete - Heating and Cooling with Concrete***

Sebastian Spaun, Managing Director,

*Association of the Austrian Cement Industry* ………………………………………..….…**20 min.**

14:20 – 14:50

### BIM*aterial - Material Building Pass*

### Associate Prof., Ph.D., DI. Arch. Iva Kovacic, *TU Wiena,*

### *Institut für Interdisziplinäres Bauprozessmanagement……………………….….……….*30 min.

14:50 – 15:10

 ***Innovative Wood Construction Systems – Building Construction***

DI, Georg Jeitler, *Hasslacher Norica Timber*………………………………………………**20 min.**

15:10 – 15:40

***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 Wiena, ………………....….…..*30 min.

15:40 – 16:00

 ***Through Advanced Energy Modelling and Optimization to Sustainable Projects for HEEB***

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



16:00 – 16:10

***Participants’ Round Table – Conclusions of the Day of the Croatian Chamber of Architects***

 Moderator Dušanka Šimunović, M.Sc. Arch., Expert Counsellor of the CCA ………..….**10 min.**