

“ NEARLY ZERO ENERGY BUILDING DESIGN”

“ION MINCU”University of Architecture and Urban Planning Bucharest, Romania

THE PROVISIONAL TIMETABLE OF EVENT

<i>Data</i>	<i>hours</i>	
Monday 22.10.2012	10 ⁰⁰ -13 ³⁰	arch. Guergana BARABONKOVA LEED AP, Bulgaria Passive House Criteria
	13 ³⁰ -15 ⁰⁰	<i>Lunch break</i>
	15 ⁰⁰ -17 ⁰⁰	arch. Guergana BARABONKOVA LEED AP, Bulgaria Building Envelope: Super Insulation, Air-tightness & Thermal Imaging, Thermal bridge free construction, Passive House windows & doors Building Services: Passive House Ventilation, Space Heating
Tuesday 23.10.2012	9 ³⁰ -11 ³⁰	arch. Guergana BARABONKOVA LEED AP, Bulgaria Retrofitting to Passive House Standard: Enerphit Criteria; Retrofitting with PH components. Case Studies for new houses and retrofits
	11 ³⁰ -11 ⁴⁵	<i>Coffee break</i>
	11 ⁴⁵ -13 ⁴⁵	Prof. PhD. Dan CONSTANTINESCU – Romanian Academy of Technical Science (ASTR) „Climate Vulnerability and Energy Configuration of Buildings”
	13 ⁴⁵ -15 ⁰⁰	<i>Lunch break</i>
	15 ⁰⁰ -17 ⁰⁰	arch. Guergana BARABONKOVA LEED AP, Bulgaria Passive House Certification Process, Implementing Passive House, Capital costs and payback times; Achieving Passive House Quality
Wednesday 24.10.2012	9 ³⁰ - 11 ³⁰	arh. Razvan Enescu, arh. Izabella Lazar, arh. Norana Petre, arh. Zolt Szasz, arh. Veronica Tudor; Proposal of an office building rehabilitation as a nearly zero energy building – Master Diploma Project "Reconfigurarea energetica a unei cladiri de birouri existenta, in scopul modernizarii in spiritul Directivei Europene 31/2010/UE - studiu de solutii pe model de proiectare energetica dinamica"
	11 ³⁰ - 11 ⁴⁵	<i>Coffee break</i>
	11 ⁴⁵ - 13 ⁴⁵	Prof. Dr.-Ing. e.h. KLAUS DANIELS , Gemany Presentation I - Losses + Loads
	13 ⁴⁵ - 15 ⁰⁰	<i>Lunch break</i>
15 ⁰⁰ - 17 ⁰⁰	Dr. NEIL BROWN, United Kingdom Senior Lecturer, Course Leader Climate Change and Sustainable Development	

		<p>“Low carbon advanced naturally ventilated buildings, and the importance of resilience in building controls, and building pathology.(1)”</p>
<p>Thursday 25.10.2012</p>	<p>9⁰⁰ - 11³⁰</p>	<p>Prof.Dr.-Ing. e.h. KLAUS DANIELS, Gemany</p> <p>Presentation II – Energy Saving Strategies</p>
	<p>11³⁰ - 11⁴⁵</p>	<p><i>Cofee break</i></p>
	<p>11⁴⁵ - 13⁴⁵</p>	<p>Dr. NEIL BROWN, United Kingdom Senior Lecturer, Course Leader Climate Change and Sustainable Development</p> <p>“Low carbon advanced naturally ventilated buildings, and the importance of resilience in building controls, and building pathology.(2)”</p>
	<p>13⁴⁵ - 15⁰⁰</p>	<p><i>Lunch break</i></p>
	<p>16⁰⁰ - 17³⁰</p>	<p>Passive House Visit - building made under research innovation "Passive House in climatic conditions in Romania"</p>
<p>Friday 26.10.2012</p>	<p>9⁰⁰ - 11⁰⁰</p>	<p>Prof.Dr.-Ing. e.h. KLAUS DANIELS</p> <p>Presentation III – CO2 Free Building Complex</p>
	<p>11⁰⁰ - 15⁰⁰</p>	<p>visiting the old center of Bucharest & Lunch</p>
	<p>15⁰⁰ - 17³⁰</p>	<p>PhD eng. Irina BARAN, asist. drd.arh. Aura DUMITRASCU, s.l. dr. arh. C. UNGUREANU., Gheorghe Asachi Technical University, IASI</p> <p>“Architectural solutions for energy efficiency of new and existent buildings”</p> <p>Soluții arhitectural-constructive de creștere a eficienței energetice a clădirilor noi și existente</p>
		<p>PhD Eng. Radu PESCARU, Gheorghe Asachi Technical University, IASI: "The Qalitative and Quantitative Analysis of Heat Transfer Through Building Envelope Components Using Infrared Thermography"</p> <p>Prof. PhD eng. Irina BLIUC, asist. drd. M. CODREANU , Gheorghe Asachi Technical University, IASI</p> <p>„Indoor environmental quality and energy effiencie of buildings (Calitatea mediului interior si eficienta energetica a cladirilor)”</p>
<p>Saturday 27.10.2012</p>	<p>11⁰⁰ -13⁴⁵</p>	<p>Prof. PhD arch. Ana Maria DABIJA, UAUIM</p> <p>“Requirements and solutions to form the building envelope elements with low energy consumption”</p>

	13 ⁴⁵ - 15 ⁰⁰	Lunch break
	15 ⁰⁰ - 17 ⁰⁰	Discussion session
Sunday 28.10.2012	10 ³⁰ - 11 ³⁰	Prof. ass. PhD eng. Mihaela GEORGESCU, UAUIM “Envelope - criteria of structural - architectural harmonization, and minimizing thermal uniformity”
	11 ³⁰ - 11 ⁴⁵	Cofee break
	11 ⁴⁵ - 13 ⁴⁵	Prof. PhD eng. Iolanda COLDA “Ventilation and conditioning techniques of interior space - moist air thermodynamics”
	13 ⁴⁵ - 15 ⁰⁰	Lunch break
	15 ⁰⁰ - 17 ⁰⁰	Discussion session
Monday 29.10.2012	10 ³⁰ - 11 ³⁰	Prof. PhD arch. Cristina Victoria OCHINCIUC, director of IMUAU Doctoral School “Overall performance of the building. Certification schemes - characteristics, methods of application. Benchmarking analysis.”
	11 ³⁰ - 11 ⁴⁵	Cofee break
	11 ⁴⁵ - 13 ⁴⁵	Prof. PhD arch. Cristina Victoria OCHINCIUC, Prof. ass, PhD eng. Mihaela GEORGESCU, UAUIM, arch, Radu ANDONE “Passive House in Romania – a result of innovative sustainable design”, part I
	13 ⁴⁵ - 15 ⁰⁰	Lunch break
	15 ⁰⁰ - 17 ⁰⁰	Discussion session
Tuesday 30.10.2012	10 ⁰⁰ - 11 ³⁰	PhD eng. Dan MORARU “Computer modeling of buildings (BIM)”
	11 ³⁰ - 11 ⁴⁵	Cofee break
	11 ⁴⁵ - 13 ⁴⁵	Workshop – part I
	13 ⁴⁵ - 15 ⁰⁰	Lunch break
	15 ⁰⁰ - 17 ³⁰	Workshop – part II
Wednesday 31.10.2012	10 ⁰⁰ - 11 ³⁰	Prof. PhD arch. Cristina Victoria OCHINCIUC, Prof. ass, PhD eng. Mihaela GEORGESCU, UAUIM, arch, Radu ANDONE “Passive House in Romania – a result of innovative sustainable design”, part II
	11 ³⁰ - 11 ⁴⁵	Cofee break
	11 ⁴⁵ - 13 ⁴⁵	Discussion session

13⁴⁵ - 15⁰⁰

Lunch break

15⁰⁰ - 17³⁰

Official works closing of the Advanced School