



Thursday, June 5th, 2014
Festivity Hall, Building Services Engineering Faculty
66 Pache Protopopescu Blvd, Bucharest

RCEPB 2014 PROGRAMME

ACTIVE SMART BUILDINGS: A NEW CHALLENGE FOR ENERGY AUDITORS

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08:30-09:30	PARTICIPANTS REGISTRATION & WELCOME COFFEE	
SESSION I		
ORGANISERS WELCOME SPEECHES		
(Sala de Festivități)	Moderators Prof.dr.eng. Sorin BURCHIU Assoc.prof.dr.eng. Cătălin LUNGU	FII-UTCB Dean, AIIR Vice-president AIIR Valahia President, FII-UTCB
09:30 – 10:00	Prof.dr.eng. Sorin BURCHIU Prof.dr.eng. Iohan NEUNER Assoc.prof.dr.eng. Cătălin LUNGU	FII-UTCB Dean, AIIR Vice-president UTCB Rector AIIR Valahia President, FII-UTCB
10:00 – 10:20	SPONSOR	LISSCOM Ltd. <i>WEBENCON – Performant Energy Management System</i>
10:20 – 11:20	PARTNERS WELCOME SPEECHES	
	Dr.eng. Mihai MIHĂIȚĂ Eng. Marian RĂDUCANU Dr.eng. Cristian-Paul STAMATIADÉ Dr.eng. Laurențiu PLOSCEANU Dr.eng. Cristian Romeo ERBAȘU Mr. Steven BORNCAMP Prof.dr.eng. Theodor MATEESCU Ing. Dan CRISTESCU Prof.dr.eng. Ana-Maria BIANCHI Assoc.prof.dr.eng. Constantin ȚULEANU Mr. Ioan BREZEAN	AGIR President ISCIR Chief State Inspector MDRAP – DGTC Director ARACO President PSC President RoGBC President AIIR Moldova President FGS-FAMILIA President SRT President, FII-UTCB AIIRM President APMCR technical advisor
11:20 – 11:40	Prof.hon.dr.eng. DHC Liviu DUMITRESCU KEYNOTE SPEAKER	AIIR President <i>Actions taken by AIIR in the Field of Energy Performance of Buildings and in the Application of Directive 27/2012 regarding heat consumption metering</i>
11:40 – 12:00	COFFEE BREAK	Entrance Hall
SESSION II		
KEYNOTE PAPERS & TECHNICAL PRESENTATIONS		
(Sala de Festivități)	Moderators Dr.eng. Ioan Silviu DOBOȘI Prof.dr.eng. Rodica FRUNZULICĂ Msc. Jaap HOGELING	REHVA & AIIR, Vice-president FII-UTCB, Head of HVAC Department REHVA, Chair of the External Relation Committee
12:00 – 12:15	SPONSOR	TESTO ROMANIA Ltd. <i>TESTO Solutions for Monitoring Ambient Parameters</i>



12:15 – 12:35	Dr.eng. Andy LEWRY <i>KEYNOTE SPEAKER</i> <i>Discussions</i>	BRE Ltd. Principal Consultant Sustainable Energy Team, United Kingdom <i>Ecoshopping: Energy Efficient & Cost Competitive Retrofitting Solutions</i>
12:35 – 12:55	Günter LANG <i>KEYNOTE SPEAKER</i> <i>Discussions</i>	LANG Consulting, International Passive House Consultant, Austria <i>Passive House as Best Standard in Europe for nZEB- Directive</i>
12:55 – 13:15	Prof.dr.eng. Zoltan MAGYAR <i>KEYNOTE SPEAKER</i> <i>Discussions</i>	Budapest University of Technology and Economics, Hungary <i>Step to the active smart building with continuous monitoring</i>
13:15 – 13:25	SPONSOR	JETRUN EnergoEco Ltd <i>Innovative Technology for Green Buildings</i>
13:25 – 13:30	<i>Questions and answers</i>	
13:30 – 14:15	LUNCH & SPONSORS AWARDS CEREMONY Room P1 (Groundfloor)	

SESSION III (Sala de Festivități)	KEYNOTE PAPERS & TECHNICAL PRESENTATIONS	
	Moderators	
	Prof.dr.eng. Iolanda COLDA	OAER President, FII-UTCB
	Assoc.prof.dr.eng. Nicolae ANTONESCU	OAER Vice-president, FII-UTCB
	Prof.dr.eng. Christian INARD	Dean of Faculty of Sciences, La Rochelle University

14:15 – 14:35	Prof.dr.eng. Christian INARD <i>KEYNOTE SPEAKER</i> <i>Discussions</i>	Dean of Faculty of Sciences, La Rochelle University, France <i>Urban Microclimate and Building Interactions</i>
14:35 – 14:50	Dr.eng. Ioan Silviu DOBOȘI <i>KEYNOTE SPEAKER</i>	AIIR & REHVA Vice-president <i>EN15251 Standard Review</i>
14:50 – 15:00	SPONSOR	DAIKIN Ltd. <i>DAIKIN nZEB – HERTEN Project</i>
15:00 – 15:20	Msc. Jaap HOGELING <i>KEYNOTE SPEAKER</i> <i>Discussions</i>	REHVA, Chair of the External Relation Committee, The Netherlands <i>CENTC 371 Committee Program On EPBD</i>
15:20 – 15:35	Dr.eng. Horia PETRAN <i>KEYNOTE SPEAKER</i>	URBAN-INCERC, Head of department <i>Deep Renovation of Public Buildings – Between Ambition and Reality & BUILD UP Skills QualiShell Project</i>
15:35 – 15:45	SPONSOR	ecoHORNET Ltd. <i>Inovative Technology for Efficient and Ecological Combustion of Biomass</i>
15:45 – 16:05	Bertrand MONTMOREAU <i>KEYNOTE SPEAKER</i> <i>Discussions</i>	AICVF President, France <i>Ventilation, A Key Issue in Building Renovation</i>
16:05 – 16:25	Prof.dr.eng. Walter BOSSCHAERTS <i>KEYNOTE SPEAKER</i> <i>Discussions</i>	Royal Military Academy, Belgium <i>Protective Air Conditioning in a Hospital Operating</i>



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Bucharest, 5-6 June 2014

Bd. Pache Protopopescu, nr. 66, S2



16:25 – 16:35	Assoc.prof.dr.eng. Nicolae ANTONESCU	<i>Theatre</i> OAER Vice-president, FII-UTCB <i>Multiple-Exchangers Installation for Industrial Heating Using Efficient Pellets</i>
16:35 – 16:45	Lect.dr.eng.Tiberiu CATALINA	FII-UTCB <i>Influence of a Heat Recovery Unit on the Indoor Air Quality of a Primary School Classroom</i>
16:45 – 17:00	COFFEE BREAK	Entrance Hall

SESSION IV ROUND TABLE & ENERGY AUDITORS AWARDS

(Sala de Festivități)

Moderators

Prof.dr.eng. Octavia COCORĂ

OAER, Vice-president, FII-UTCB

Dr.eng. Cristian PAUL STAMATIADĂ

MDRAP DGTC Manager

Eng. Nicolae APOSTOIU

OAER Vice-president

17:00 – 18:30	NEW EPC FORMAT OAER MARKET RESEARCH EMBOSSSED HOLOGRAPHIC STAMPS
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18:30 – 19:30	NWTWORKING COCKTAIL & ENTERTAINMENT	Room P1 (Groundfloor)
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Friday, June 6th, 2014
Festivity Hall, Building Services Engineering Faculty
66 Pache Protopopescu Blvd, Bucharest

RCEPB 2014 PROGRAMME

19th CONFERENCE OF BUILDING SERVICES ENGINEERING FACULTY, UTCB

08:30-09:00	PARTICIPANTS REGISTRATION & WELCOME COFFEE
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SESSION V ORGANISERS & PARTNERS WELCOME SPEECH

(Sala de Festivități)

Moderators

Prof.dr.eng. Robert GAVRILIUC

R.G.S. President, FII-UTCB

Assoc.prof.dr.eng. Florin BĂLTĂREȚU

FII-UTCB Vice-Dean

Prof.dr.eng. Francis ALLARD

Deputy Rector, La Rochelle University, France

09:00-09:30	Prof.dr.eng. Sorin BURCHIU Prof.dr.eng. Liviu DRUGHEAN Prof.dr.eng. Grațiela ȚĂRLEA Eng. Radu MIHĂILESCU Dr.eng.EURING Dragoș POPA Eng. EURING Cristian CETĂȚEANU Prof. dr.eng. Robert GAVRILIUC	FII-UTCB Dean, AIIR Vice-president AFCR President President AGFR, FII-UTCB ASPIR President SETEC President Chimney Sweep Association of Romania R.G.S. President
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KEYNOTE PAPERS & TECHNICAL PRESENTATIONS



09:30 – 09:50	Prof.dr.eng. Francis ALLARD <i>KEYNOTE SPEAKER</i> <i>Discussions</i>	Deputy Rector, La Rochelle University, France <i>Can We Achieve the nZEB Goal?</i>
09:50 – 10:00	SPONSOR	GRUNDFOS Ltd. <i>TPE Circulation Pumps with New High Efficiency Engine</i>
10:00 – 10:20	Dr.eng. Cosmin ȚICLEANU <i>KEYNOTE SPEAKER</i> <i>Discussions</i>	Senior Consultant in Lighting, Bre Global, United Kingdom <i>Aiming to Achieve Net Zero Energy Lighting in Buildings</i>
10:20 – 10:30	SPONSOR	HEXADOME Ltd. <i>Adexsi Solutions for Energy Management</i>
10:30 – 10:50	Assoc.prof.dr.eng. Cătălin LUNGU <i>KEYNOTE SPEAKER</i> <i>Discussions</i>	AIIR Valahia President, FII-UTCB <i>RO-nZEB – First BREEAM Outstanding New Construction Building in Romania</i>
10:50 – 11:00	Drd.arch. Lavinia GRĂDIȘTEANU	UAUIM <i>A Sustainable Approach for the New Construction Materials</i>
11:00 – 11:15	Prof.dr.eng. Iolanda COLDA <i>KEYNOTE SPEAKER</i>	OAER President, FII-UTCB <i>Ventilation and Energy Consumption</i>
11:15 – 11:25	Lecturer.dr.eng. Raluca TEODOSIU <i>KEYNOTE SPEAKER</i>	OAER Scientific Secretary, FII-UTCB <i>Integrated Heat-Airflow-Moisture Model Within Enclosures. Experimental Validation</i>
11:25 – 11:40	COFFEE BREAK	Entrance Hall

SESSION VI (Sala de Festivități)	KEYNOTE PAPERS & TECHNICAL PRESENTATIONS	
	Moderators	
	Assoc.prof.dr.eng. Andrei DAMIAN	FII-UTCB
	Assoc.prof.dr.eng. Mihaela GEORGESCU	UAUIM
	Assoc.prof.dr.eng. Cătălin LUNGU	AIIR Valahia President, FII-UTCB

11:40-12:00	Fawaz MASSOUH <i>KEYNOTE SPEAKER</i> <i>Discussions</i>	Chargé de mission Relations Internationales, Arts et Metiers ParisTech, France <i>Wind Tunnel Investigation of Flow through a Wind Turbine and in the Wake</i>
12:00-12:15	Șerban DANCIU	BPIE, Country Initiative Manager <i>Thermal Renovation Programme Strategy for Existing Buildings in Romania</i>
12:15-12:30	Camelia RAȚĂ <i>KEYNOTE SPEAKER</i>	OER President <i>neZEH – NEARLY ZERO ENERGY HOTELS</i>
12:30 – 12:40	Prof.dr.eng. Rodica FRUNZULICĂ	OAER Vice-president, Head of Department, FII-UTCB <i>Insight into an Electronic Heat Cost Allocator</i>



12:40 – 12:55	Assoc.prof.dr.eng. Mihaela GEORGESCU <i>KEYNOTE SPEAKER</i>	UAUIM <i>Risk Assessment of Surface Condensation in Residential Buildings</i>
12:55-13:10	Prof.dr.eng. Robert GAVRILIUC <i>KEYNOTE SPEAKER</i>	R.G.S. President, FII-UTCB <i>Promoting The Use of Geothermal Energy in Romania through REGEOCITIES Project</i>
13:10-13:20	Florin ANDRONESCU	ALEA Manager <i>Sustainable Energy for Rural Communities – SUSTAINCO, European Project under IEE Programme</i>
13:20-13:30	Prof.dr.eng. Grațiela ȚĂRLEA	AGFR President, FII-UTCB <i>Renewable Energy Using Geoheatexchangers – Romanian Study Case</i>
13:30-13:40	Winner of the RO-nZEB Student Competition	<i>Winning Paper of the RO-nZEB Student Competition</i>
13:40-14:30	LUNCH	Room P1 (Groundfloor)

***FII** – Building Services Engineering Faculty
UTCB – Technical University of Civil Engineering Bucharest
AIIR – Association of Building Services Engineers from Romania
AIIRM – Association of Building Services Engineers from the Republic of Moldova
AFCR – Refrigeration and Cryogenist Association of Romania
AGFR – The Romanian General Association of Refrigeration
AICVF – Association of Ventilation and Cooling Engineers
ALEA – Alba Local Energy Agency
ARACO – Romanian Association of Construction Entrepreneurs
ASPIR – Professional Association of Specialists in Pressure Equipment and Hoisting
BPIE – Buildings Performance Institute Europe
MDRAP – Ministry of Regional Development and Public Administration
OAER – Romania Energy Auditors Chamber

OAR – Romanian Order of Architects
OER – Energy Cities of Romania
REHVA – Federation of European Heating, Ventilation and Air-conditioning Associations
RoGBC – Romania Green Building Council
SETEC - Technical Experts and Extrajudicial Consultants Society
SRG – Romania Society GeoExchange
SRT – Romanian Society of Thermal Scientists
URBAN – INCERC - National Institute for Research and Development in Constructions, Urban Planning and Sustainable Territorial Development "URBAN-INCERC"
UAUIM – “Ion Mincu” University of Architecture and Urbanism