

Wednesday 5th July 2017

SEB17
5-7 July 2017
Chania, Crete

11.30-13.30	Registration			
13.00-15.00	Visit to Technical University of Crete			
15.00	Conference Opening Ceremony Main room	Professor Robert Howlett Executive Chair, KES International Dr John Littlewood SEB-17 Chair, Cardiff Metropolitan University Prof Denia Kolokotsa Technical University of Crete Kounoupidiana, Greece		
15.30	Introductory Talk Main room	Professor Theoharis Tsoutsos Technical University of Crete Kounoupidiana, Greece		
16.00-18.00	Parallel Presentation Sessions			
	Session / Chair / Location	PROSE Paper No	Paper Title / Authors	
	<i>General Track 1: Sustainable Buildings for Smart Buildings & Cities</i>	1	seb17f-004	Preliminary study of the condition of social housing in the city of Durango, México / <i>Dr. Norma Rodriguez-Muñoz Dr. Maria Alpuche-Cruz, Dr. Ignacio Martin-Dominguez, Claudia Romero-Perez</i>
	Dr John Littlewood	2	seb17f-012	The Implications of Demand Response Measures and Electrification of Transport on UK Household Energy Demand and Consumption / <i>Dr Aikaterini Chatzivasileiadi Dr Eleni Ampatzi, Prof Ian Knight</i>
	Main Room	3	seb17f-027	New homebuyers and the challenges of navigating sustainability and energy efficiency with Australian volume builders / <i>Dr Georgia Warren-myers</i>
		4	seb17f-066	The effect of weather data sets on building energy simulations / <i>Dr. Silvia Erba M. Sc. Roberto Armani, Prof. Francesco Causone</i>
		5	seb17f-078	Aerogel-based solutions for the retrofit of an educational building / <i>Dr. Umberto Berardi</i>
		6	seb17f-094	An Optimization design Approach of Football Stadium Canopy Forms Based On Field Wind Environment Simulation / <i>Asso. Prof. Ligang Shi Mrs. Rongrong An</i>

16.00-18.00	Parallel Presentation Sessions			
	Session / Chair / Location	PROSE Paper No	Paper Title / Authors	
	General Track 2: Smart Cities & Smart Districts	1	seb17f-115	Mining typical load profiles in buildings to support energy management in the smart city context / Assistant Professor Alfonso Capozzoli Marco Savino Piscitelli, Silvio Brandi
	Professor Yusuf Arayici	2	seb17f-052	A study on mitigation potential in service building sector: Efficient technology implications of China's Intended Nationally Determined Contribution / Dr. Rui Xing Dr. Tatsuya Hanaoka, Dr. Yuko Kanamori, Dr. Toshihiko Masui
	Breakout Room 1	3	seb17f-068	A Strategy to Reduce Grid Stress through Priority-based Inverter Charging / Dr. Naveed Arshad Mr. Ali Ahmad, Mr. Muhammad Subhani
		4	seb17f-088	3D Printing of Buildings: Construction of the Sustainable Houses of the Future by BIM / Assistant Mehmet Sakin Yusuf Kiroglu
		5	seb17f-120	An energy efficient Assessment of the thermal comfort in an office building / Dr. Monem Beitelmal Dr. Zhidan Zhaoa Mr. Mahdi Houchatia

*Invited Paper 30 minute presentation

16.00-18.00	Parallel Presentation Sessions			
	Session / Chair / Location	PROSE Paper No	Paper Title / Authors	
	General Track 3: Renewable Energy Technologies	1	seb17f-007	Data Analysis of the Energy Performance of Large Scale Solar Collectors for District Heating / Michel Noussan Luca Degiorgis, Dr Matteo Jarre, Alberto Poggio
	Dr Prasad Kaparaju	2	seb17f-014	Developing a sensorless sun tracker for PV panels / Dr. Bechara Nehme Dr. Tilda Akiki, Anthony Fenianos
	Breakout Room 2	3	seb17f-016	Assessment of policy based residential solar PV potential using GIS based multicriteria decision analysis: A case study of Apeldoorn, The Netherlands / Mrs Bala Bhavya Kausika Ms Olympia Dolla, Dr. Wilfried Van Sark
		4	seb17f-037	Proposed integration of photovoltaic solar energy and energy efficiency technologies in the energy consumption by lighting in UTA-Ecuador / Andrés Hidalgo Rodney Hechavarría, Meng Diego Moya, Yessenia Villacrés
		5	seb17f-023	Smoothing of renewable energy generation using Gaussian-based method with power constraints / Dr Alemayehu Addisu Dr Pierre Courbin, Prof Laurent George, Dr Vincent Sciandra
		6	seb17f-029	CAE methods for plate heat exchanger design / Assoc. Prof. Václav Dvořák Assoc. Prof. Tomáš Vít

18.30-19.30	Registration and Drinks Reception
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Thursday 6th July 2017

SEB17
5-7 July 2017
Chania, Crete

8.00-09.30 **Registration**

09.30-10.30 **Keynote Talk**
Main room
Professor Denia Kolokotsa
Technical University of Crete Kounoupidiana, Greece

10.30-11.00 **Coffee & Networking**

11.00-13.00 **Parallel Presentation Sessions**

Session / Chair / Location	PROSE Paper No	Paper Title / Authors
<i>General Track 1: Sustainable Buildings for Smart Buildings & Cities</i>	1 seb17f-019	Comparing real and predicted window use in offices. A POE-based assessment / Prof. Francesca Stazi Dr. Gabriele Bernardini, Prof. Marco D'orazio, Dr. Federica Naspi
Dr John Littlewood	2 seb17f-028	Embodied energy and operational energy evaluation in tall buildings according to different typologies of façade / Dr Carlo Micono Roberto Giordano, Matteo Giovanardi, Giulia Guglielmo
Main Room	3 seb17f-043	Environmental Performances and Social Inclusion: a Project for the Rocinha Favela in Rio de Janeiro / Assist. Prof. Andrea Arcidiacono, Associate Prof. Francesco Causone, Associate Prof. Mario Grosso, M. Zadeh Hadi, Associate Prof. Gabriele Masera
	4 seb17f-055	Inclusion of on-site renewables in design-stage building life cycle assessments / Mr Christopher Galpin Dr Alice Moncaster
	5 seb17f-041	Ethical issues in monitoring sensor networks for energy efficiency in smart buildings: a case study / Ylenia Cascone Maria Ferrara, Luigi Giovannini, Gianluca Serale
	6 seb17f-046	Operational performance of an Air Handling Unit: insights from a data analysis / Dr Michel Noussan Giovanni Carioni, Luca Degiorgis, Matteo Jarre, Paolo Tronville

11.00-13.00	Parallel Presentation Sessions			
	Session / Chair / Location	PROSE Paper No		Paper Title / Authors
	<i>General Track 3: Renewable Energy Technologies</i>	1	seb17f-024	Geothermal contribution on southern Europe climate for energy efficiency of university buildings / <i>Armando Pinto André Mota, Prof. Fernanda Rodrigues</i>
	Dr Prasad Kaparaju	2	seb17f-025	Multi-step Ahead Wind Forecasting Using Nonlinear Autoregressive Neural Networks / <i>Mr. Adil Ahmed Dr. Muhammad Khalid</i>
	Breakout Room 1	3	seb17f-036	Municipal solid waste as a valuable renewable energy resource: a worldwide opportunity of energy recovery by using Waste-To-Energy Technologies / <i>Diego Moya Clay Aldás, Dr Prasad Kaparaju, Germánico López</i>
		4	seb17f-040	Waste-To-Energy Technologies: an opportunity of energy recovery from Municipal Solid Waste, using Quito - Ecuador as case study / <i>Diego Moya Clay Aldas, David Jaramillo, Esteban Játiva, Dr Prasad Kaparaju</i>
		5	seb17f-044	Performance of Detached Eddy Simulation applied to Analysis of a University Campus Wind Environment / <i>Dr Rallou Dadioti Dr Simon Rees</i>
		6	seb17f-058	Reduction of Solar PV Payback Period Using Optimally Placed Reflectors / <i>Mr Don Wijesuriya Prof Ranjit Perera, Mr Dehan Vithana, Mr Saman Wickramathilaka, Mr Lovindu Wijesinghe</i>

11.00-13.00	Parallel Presentation Sessions			
	Session / Chair / Location	PROSE Paper No		Paper Title / Authors
	<i>Invited Track ISO3: Building and District Interaction for sustainable energy networks and effective urban climate control</i>	1	seb17f-017	Energy efficiency measures for buildings in Hebron city and their expected impacts in the distribution grid / <i>Dr Paolo Lazzeroni Dr Carlo Micono, Dr Sergio Olivero, Prof. Maurizio Repetto, Dr Federico Stirano, Dr Guido Zanzottera</i>
	Dr Benedetto Nastasi	2	seb17f-051	Analysis of Thermal Environment of Open Community Streets in Winter in Northern China / <i>Professor Hong Jin Yumeng Jin, Professor Jian Kang, Jing Zhao</i>
	Breakout Room 2	3	seb17f-064	Microclimate perception features of commercial street in severe cold cities / <i>Tuoyu Hou Jingwan Fu, Associate Professor Ming Lu</i>
		4	seb17f-076	Field Research and Study of Campus Thermal Environment in Winter in Severe Cold Areas / <i>Mr Qiao Liang Mr Wang Bo, Professor Jin Hong</i>
		5	seb17f-085	The Adaptive Comfort Factor in Evaluating the Energy Performance of Office Buildings in the Mediterranean Coastal Cities / <i>Professor Despina Serghides Ms Stella Dimitriou, Ms Ioanna Kyprianou, Professor Costas Papanicolas</i>
		6	seb17f-107	Urban morphology indicators for solar energy analysis / <i>Dr. Michele Morganti Prof. Carlo Cecere, Prof. Helena Coch, Dr. Agnese Salvati</i>

13.00-14.00	Lunch		
14.00-15.00	Keynote Talk Main room	Professor Chris Gorse Leeds Beckett University, Leeds, UK	
15.00-15.30	Coffee & Networking		
15.30-17.30	Parallel Presentation Sessions		
	Session / Chair / Location	PROSE Paper No	Paper Title / Authors
	<i>General Track 1: Sustainable Buildings for Smart Buildings & Cities</i>	1 seb17f-049	Insulating coat to prevent mold growth in thermal bridges / <i>Francesco Isaia Mr. Marco Dutto, Arch. Stefano Fantucci, Prof. Valentina Serra</i>
	<i>Assistant Professor Alfonso Capozzoli</i>	2 seb17f-054	Addressing the challenges of social housing retrofits / <i>Prof Francesco Causone Sónia Cunha, Dr. Silvia Erba, Dr. André Pina, Cláudia Sousa Monteiro</i>
	Main Room	3 seb17f-111	Introduction to a Wales project for evaluating residential retrofit measures and impacts on energy performance, occupant fuel poverty, health and thermal comfort / <i>Dr John Littlewood Professor George Karani Dr Jo Atkinson Mr David Bolton Professor Andrew Geens Mr Denis Jahic</i>
		4 seb17f-022	Identifying and weighting indicators of building energy efficiency assessment in Ghana / <i>Dr Michael Addy Dr Emmanuel Adinyira, Prof. Joshua Ayarkwa</i>
		5 seb17f-059	Aerobrick An aerogel-filled insulating brick / <i>Dr. Jannis Wernery Mr. Avner Ben-ishai, Mr. Bruno Binder, Dr. Samuel Brunner</i>
		6 seb17f-060	Opportunities for heat pumps adoption in existing buildings: real-data analysis and numerical simulation / <i>Matteo Jarre Michel Noussan, Alberto Poggio, Marco Simonetti</i>

15.30-17.30	Parallel Presentation Sessions		
	Session / Chair / Location	PROSE Paper No	Paper Title / Authors
	<i>General Track 2: Smart Cities & Smart Districts General Track 3: Renewable Energy Technologies</i>	1 seb17f-113	Toward an Improvement of Gravity Energy Storage Using Compressed Air / <i>Dr. Khalid Loudiyi Berrada Berrada, Dr. Izzedine Zorkani</i>
	Dr Prasad Kaparaju & Professor Yusuf Arayici	2 seb17f-112	Experimental Validation of Gravity Energy Storage Hydraulic Modeling / <i>Asmae Berrada Dr. Khalid Loudiyi</i>
	Breakout Room 1	3 seb17f-095	Permanent magnet Fault current Limiter (PMFCL) for the Power Grid. / <i>Mr Asmaiel Ramadan</i>
		4 seb17f-073	Shape Optimization of Low Speed Wind Turbine Blades using Flexible Multibody Approach / <i>Dr. Ayman Nada Dr. Ali Al-shahrani</i>
		5 seb17f-003	Managing Smart Grids Using Price Responsive Smart Buildings / <i>Dr. Joseph Carr Dr. Alex Brissette, Dr. Luca Omati, Dr. Enrico Ragaini</i>
		6 seb17f-120	An energy efficient Assessment of the thermal comfort in an office building

15.30-17.30	Parallel Presentation Sessions			
	Session / Chair / Location	PROSE Paper No	Paper Title / Authors	
	<i>Invited Track 6: Cool and green solutions for urban heat island mitigation and energy efficiency in buildings</i>	1	seb17f-013	The Impact of Court parameters on its shading level : An experimental study in Baghdad, Iraq / <i>Mr. Omar Al-hafith Mr. Simon Bradbury, Prof Pieter De Wilded, Dr. Satish K.</i>
	Associate Professor Denia Kolokotsa Assistant Professor Anna Laura Pisello	2	seb17f-021	Thermal comfort in the historical urban canyon: the effect of innovative materials / <i>Eng Veronica Lucia Castaldo Eng Iacopo Golasi, Eng Cristina Piselli, Dr Anna Laura Pisello, Dr Federica Rosso, Dr Ferdinando Salata</i>
	Breakout Room 2	3	seb17f-038	Quantifying the effects of interior surface reflectance on indoor lighting / <i>Ph.D Student Nastaran Makaremi Professor Francesco Asdrubali, Professor Franco Cotana, Assistant Professor Anna Laura Pisello, Ph.D. Ing Samuele Schiavoni</i>
		4	seb17f-074	Integration of the hybrid solar DEC ?NAC wall? system in building façades in urban context / <i>Dr. Marco Simonetti Dr. Giacomo Chiesa, Eng. Vincenzo Gentile, Dr. Marianna Nigra</i>
		5	seb17f-065	Smart cool mortar for passive cooling of historical and existing buildings: experimental analysis and dynamic simulation / <i>Dr Federica Rosso Dr Veronica Lucia Castaldo, Dr Franco Cotana, Dr Marco Ferrero, Dr Anna Laura Pisello</i>
		6	seb17f-018	Flooding risk in existing urban environment: from human behavioral patterns to a microscopic simulation model / <i>Gabriele Bernardini Dr. Selene Camilli, Prof. Marco D'orazio, Prof Enrico Quagliarini</i>

19.30	Conference Dinner	Restaurant at the Venetian Harbour
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Friday 7th July 2017

SEB17
5-7 July 2017
Chania, Crete

8.15-09.00 Registration

09.00-11.00 Parallel Presentation Sessions

Session / Chair / Location	PROSE Paper No	Paper Title / Authors
<i>Invited Track 1: Design and Assessment of the Built & Natural Environment for Societal Health & Well-being, in Smart Cities and Smart Rural Conurbations</i>	1 seb17f-033	Effect of water body forms on microclimate of residential district / <i>Teng Shao Professor Hong Jin, Renlong Zhang</i>
Dr Boris Ceranic	2 seb17f-034	The Microclimate Effect of Urban Park Fitness Trail in Spring ---- A Case Study of Harbin Zhao Lin Park / <i>Professor Xiaolong Zhao Jiajun Lv, Candidate Dongqi Zhao, Ye Zhou</i>
Main Room	3 seb17f-056	Insights on pro-environmental behavior towards post-carbon society / <i>Valentina Fabi Professor Stefano Paolo Corgnati, Ms Maria Valentina Di Nicoli, Spigliantini</i>
	4 seb17f-089	Study on the Influence of Piloti Ratio on Thermal Comfort of Residential Blocks by Local Thermal Comfort Adaptation Survey and CFD Simulations / <i>Associate Professor Xi Tianyu Professor Mochida Akachi, Professor Jin Hong, Associate Professor Ding Jianhua</i>
	5 seb17f-101	The Safety Gap in buildings: Perceptions of Welsh Fire Safety Professionals / <i>Dr John Littlewood Dr Mahmood Alam, Professor S Goodhew Mr Gareth Davies</i>
	6 seb17f-102	A study to assess alternative water sources for reducing energy consumption in a medical facility case study, Abu Dhabi / <i>Mrs Geraldine Seguela Dr. John Littlewood Prof. George Karani,</i>

09.00-11.00	Parallel Presentation Sessions			
	Session / Chair / Location	PROSE Paper No		Paper Title / Authors
	<i>Invited Track 7: Smart strategies for existing and historic building retrofitting</i>	1	seb17f-031	Supplying historic buildings with energy, without impinging on their historic and cultural values / <i>Prof Giorgio Garau Prof Marco Rosa-clot</i>
	Dr. Elisa Di Giuseppe	2	seb17f-039	A state-of-art review of retrofit interventions in buildings towards nearly zero energy level / <i>Mr. Mehrdad Rabani Professor Habtamu Bayera Madessa, Professor Natasa Nord</i>
	Breakout Room 1	3	seb17f-042	The role of shading devices to improve thermal and visual comfort in existing glazed buildings / <i>Dr Gianpiero Evola Miss Federica Gullo, Prof Luigi Marletta</i>
		4	seb17f-045	Towards high energy performing historical buildings. A methodology focused on operation and users' engagement strategies / <i>Giorgia Spigliantini Prof. Stefano Corgnati, Valentina Fabi</i>
		5	seb17f-047	Towards a probabilistic approach in LCA of building retrofit measures / <i>Dr Claudio Favi Professor Elisa Di Giuseppe, Professor Marco D'orazio, Professor Michele Germani, Doctor Monica Iannaccone, Doctor Ivan Meo</i>
		6	seb17f-063	Design of a smart system for indoor climate control in historic underground built environment / <i>Prof. Enrico Quagliarini Dr. Gabriele Bernardini, Dr. Student Andrea Gianangeli, Student Benedetta Gregorini, Prof. Francesca Stazi</i>

09.00-11.00	Parallel Presentation Sessions			
	Session / Chair / Location	PROSE Paper No		Paper Title / Authors
	<i>Invited Track 4: Zero Energy Buildings and Communities and the role of Smart Grids</i>	1	seb17f-117	On the comparison of different occupancy patterns in relation to energy consumption and indoor environmental quality: a case study / <i>Ass.professor Margarita-niki Assimakopoulos Nikolaos Barmpareos Alexandros Pantazaras Theoni Karlessi Dr Siew Eang Lee Alexandros Pantazaras</i>
	Associate Professor Denia Kolokotsa Associate Professor Valentina Serra	2	seb17f-084	Thermal comfort evaluation in HVAC Demand Response control / <i>Mr Nikos Kampelis Dr Cristina Cristalli, Mr Andrea Ferrante, Mr Kostas Gobakis, Associate Professor Denia Kolokotsa, Dr Laura Standardi</i>
	Breakout Room 2	3	seb17f-082	Development and testing of a micro-grid excess power production forecasting algorithms / <i>Mrs Angeliki Mavrigiannaki Dr Daniela Isidori, Mr Nikos Kampelis, Associate Professor Denia Kolokotsa, Mr Daniele Marchegiani, Dr Laura Standardi</i>
		4	seb17f-081	Objective and subjective evaluation of thermal comfort in the Loccioni Leaf Lab / <i>Marina Laskari Francesco Carducci, Cristina Cristalli, Daniela Isidori, Martina Senzacqua, Laura Standardi</i>
		5	seb17f-079	Achieving nearly zero energy buildings in Cyprus, through building performance simulations, based on the use of innovative energy technologies / <i>Marina Kyprianou Dracou Professor Costas Papanicolas, Professor Mat Santamouris</i>
		6	seb17f-006	Design and development of a Web based GIS platform for zero energy settlements monitoring / <i>Prof Denia Kolokotsa Mr Kostas Gobakis, Prof Kostas Kalaitzakis, Ms Aggeliki Mavrigiannaki</i>

11.30-12.30	Keynote Talk Main room	Professor Paul Cooper Sustainable Buildings Research Centre, University of Wollongong, Australia		
12.30-13.30	Lunch			
13.30-15.30	Parallel Presentation Sessions			
	Session / Chair / Location	PROSE Paper No		Paper Title / Authors
	<i>Invited Track 1: Design and Assessment of the Built & Natural Environment for Societal Health & Well-being, in Smart Cities and Smart Rural Conurbations</i>	1	seb17f-091	Urban sustainability mobility assessment: indicators proposal / <i>Professor Joaquim Macedo Professor Fernanda Rodrigues, Fernando Tavares</i>
	Professor George Karani	2	seb17f-094	An Optimization design Approach of Football Stadium Canopy Forms Based On Field Wind Environment Simulation / <i>Asso. Prof. Ligang Shi Mrs. Rongrong An</i>
	Main Room	3	seb17f-099	A Novel Modular Design Approach to Thermal Capacity on Demand? in a Rapid Deployment Building Solutions: Case Study of Smart-POD / <i>Dr Boris Ceranic Mr John Beardmore, Mr Adrian Cox</i>
		4	seb17f-093	Thermal comfort of railway station's waiting room in severe cold region of China / <i>Vice Professor Meng Huang Yujie Lin</i>
		5	seb17f-092	The Thermal Comfort of Urban Pedestrian Street in the Severe Cold Area of Northeast China / <i>Professor Jian Kang Professor Hong Jin, Siqi Liu</i>
		6	seb17f-010	Identification of the Efficient Manufacturing Characteristics / <i>Ms. Olga Kolesnikova Dr. Lev Kazarinov, Ms. Anastasia Nelubina</i>

13.30-15.30	Parallel Presentation Sessions			
	Session / Chair / Location	PROSE Paper No		Paper Title / Authors
	<i>Invited Track 8: Photovoltaic and water: design, construction and performance analysis</i> <i>Invited Track 9: Power Electronics Systems for Renewable Energy Systems</i>	1	seb17f-002	Smooth Mode Transfer in AC Microgrids during Unintentional Islanding / <i>Dr Walid Issa Dr Mohammad Abusara, Dr Nader Anani, Dr Ahmad El Khateb</i>
	Dr Nader Anani Prof Guiseppe Tina	2	seb17f-005	Fault Identification-based Voltage Sag State Estimation Using Artificial Neural Network / <i>Dr. Huilian Liao Dr. Nader Anani</i>
	Breakout Room 1	3	seb17f-008	Evaluation of Analytical Methods for Parameter Extraction of PV modules / <i>Dr Nader Anani Mr Haider Ibrahim</i>
		4	seb17f-035	Variations of PV module parameters with irradiance and temperature / <i>Dr Nader Anani Mr Haider Ibrahim</i>
		5	seb17f-077	Design and Modelling Techniques of Permanent Magnet Fault Current Limiter / <i>Mr Asmaiel Ramadan Dr Faris Alnaemi</i>
		6	seb17f-083	Floating photovoltaic plants and waste water basins: an Australian project / <i>Prof. Giuseppe Tina Prof. Sandro Nizetic, Prof. Marco Rosa-clot</i>

13.30-15.30	Parallel Presentation Sessions		
	Session / Chair / Location	PROSE Paper No	Paper Title / Authors
	<i>IS05-Measuring and mitigating the Urban Heat Island Effect</i> <i>IS08-Photovoltaic and water: design, construction and performance analysis</i> <i>IS11-Building integrated photovoltaic technology solutions for future zero energy buildings</i>	1	seb17f-048 Numerical assessment of the impact of roof reflectivity and building envelope thermal transmittance on the UHI effect / <i>Dr Elisa Di Giuseppe Dr. Marianna Pergolini, Prof. Francesca Stazi</i>
	Prof Antonio Gagliano Dr Wilfried van Sark	2	seb17f-057 On Spatial Distribution and Determinants of Urban Photovoltaic Utilization in China / <i>Lin Alin Li Can, Associate Professor Lu Ming</i>
	Breakout Room 2	3	seb17f-062 Computational Fluid Dynamics Analysis for Evaluating the Urban Heat Island Effects / <i>Prof Antonio Gagliano Stefano Aneli, Francesco Nocera</i>
		4	seb17f-075 RAST: RoundAbout Solar Tracking / <i>Prof. Giuseppe Tina Prof. Marco Rosa-clot, Mr Paolo Rosa-clot, Dr Cristina Ventura</i>
		5	seb17f-072 Submerged PV Solar Panel for Swimming Pools SP3 / <i>Prof. Marco Rosa-clot Dr. Paolo Rosa-clot</i>
		6	seb17f-090 Fuzzy logic energy management for a photovoltaic solar home / <i>Prof Francesco Nocera PhD Gianpiero Evola, Prof. Alberto Fichera, PhD Antonio Gagliano, Prof. Luigi Marletta, Prof. Francesco Martinico</i>

15.30-16.00	Coffee & Networking	Main Room
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16.00-17.00					Parallel Presentation Sessions			
		Session / Chair / Location		PROSE Paper No		Paper Title / Authors		
		Short Papers		1	seb17s-008	Testing and validation of building as power station technologies? in practice, to maximise energy efficiency and user comfort and minimise carbon emissions / <i>Miss Joanna Morgan Dr John Littlewood, Mr Paul Wilgeroth, Mr Paul Jones,</i>		
		Dr John Littlewood		2	seb17s-009	Investigating the application of small scale transpired solar collectors as air preheaters for residential buildings / <i>Mr Emmanouil Perisoglou Mr Huw Jenkins, Dr Joanne Patterson, Dr Vicki Stevenson</i>		
		Main Room		3	seb17f-087	UHI effects and strategies to improve outdoor thermal comfort in dense and old neighbourhoods / <i>G. Evola, A. Gagliano, A. Fichera, L.Marletta, F. Martinico, F. Nocera, A. Pagano</i>		
				4	seb17s-015	The Sustainable regeneration of the Swansea High Street - a cohesive community / <i>Dr John Littlewood Mr Gareth Davies</i>		
16.00-17.00								
		Session / Chair / Location		PROSE Paper No		Paper Title / Authors		
		Short Papers		1	seb17s-003	The Effect of Ambient Temperature on the Power Output of 5kW Photovoltaic Solar Power System / <i>Mr Shehab Al-Sakkaf Dr Mahmoud Kassas, Dr Muhammad Khalid</i>		
		Dr Prasad Kaparaju		2	seb17s-004	Application scenarios for a dual use of a portable micro-CHP unit in a BEV and building / <i>Henrik Rüscher Dimitri Bitner, Prof. Dr.-Ing. Lars-O. Gusig, Prof. Alan Guwy, Prof. Giuliano Premier, Dennis Saul</i>		
		Breakout Room 1		3	seb17f-108	Effects of thermal insulation on thermal comfort in low-income tropical housing / <i>Dr Arman Hashemi</i>		
				4	seb17f-109	Thermal Comfort in Zero Energy Buildings / <i>Dr Arman Hashemi Ms. Laura Pomfret</i>		

17.00	Conference Close Main Room	Presentation of Best Paper Awards & Invited Track Presentation on SEB18
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