Timetable
PEOPLE AND BUILDINGS
18th of September 2012

09:30 REGISTRATION
10:00 Opening Address and Welcome

Energy consumption assessment via simulation and measurement, energy audit and energy efficiency

10:15 MC12-01 Silvia Piccione Energy retrofitting of social housing stock in Northern Italy
10:22 MC12-11 Paula Morgenstern In-situ measurement of heat loss from thermal stores
10:29 MC12-12 Kalim Chidiac Evaluation and Optimization of Kodak, Harrow, Combined Cycle Gas Turbine Unit Performance
10:36 MC12-21 Dionysios Antypas An ultra-low energy refurbishment of a 1900 Victorian dwelling in Oxford, UK
10:43 MC12-31 Hirad Azmin Production, Simulation and design of an anode supported SOFC
10:50 MC12-33 Christoph Waibel Non-deterministic Shape Optimisation of Wind Cowls by applying Simulated Annealing and Fast Fluid Dynamics
10:57 MC12-36 Parisa Azar The Impact of Replacement Windows on Heating-load, Overheating, and Air Quality of Classrooms of Victorian Schools
11:04 MC12-46 Evangelia Anamourloglou Autonomous housing and refurbishment: Is it feasible to make an existing urban house autonomous?

Coffee

11:30 MC12-65 Stella Chatzigavril Timber construction in Greece: Exploring the potential in thermal performance in an office
11:37 MC12-41 Marianna Christogianni Risk Assessment of Thermal Bridging and related Mould Growth in Housing Refurbishment
11:44 MC12-43 Sandra Camacho Building Energy Modelling in Bogota City
11:51 MC12-38 Ioannis Protonotarios Low Carbon Building Design on Naxos Island
11:58 MC12-62 Seda Kacel From ‘Nurses’ Memorial Home’ to ‘Royal Standard House’: The Upgrade of a Grade II Listed Dwelling in the frame of Sustainable Refurbishment
12:05 MC12-63 Rong Xu environmental study
12:12 MC12-68 Noura Ghabra The Contribution of Facade Design and Building Orientation to the Indoor Environment - Case Study: Broadcasting Tower in Leeds, UK
12:19 MC12-71 Aasiya Aslam in UK
12:25 MC12-76 Sven Hallin Minimising excessive winter energy consumption in Victorian classrooms while maintaining acceptable indoor air quality.
Passive and hybrid strategies for heating and cooling, shading and natural ventilation
12:32  MC12-53  Danijel Rusovan  Minimum Form, Maximum Performance
12:39  MC12-29  Marina Stavrakantonaki  Design and validation of a daylight responsive façade system
12:46  MC12-51  Ilianna Ntarladima  Thermal and visual comfort in Greek vernacular architecture
12:53  MC12-64  Zoi Mylona  PV cells enhancement using nanostructured materials
13:00  MC12-66  Hung Dang  Exchange, Nottingham
13:07  MC12-75  Evangelia Topriska  Investigation of LED Alternatives in Retail Lighting

Lunch
14:10  Sponsor  Hugo Borrego, from Amonim (cork products)

Integrated renewable energy, low carbon cooling, solar panels, daylighting and low energy artificial light
14:30  MC12-23  Grega Zrim  Double skin facade for Ljubljana's climate - Applicability studies
14:37  MC12-25  Herman Calleja  Passive Cooling Strategies for a Digital Creative Industry Hub in Malta
14:44  MC12-28  Ester Bassas  Study of the Parameters that affect the Performance of a Domestic Ground Tempered Ventilation System in various climates
14:51  MC12-37  Baijia Huang  Optimising the position of combined sensors in a typical open plan naturally ventilated office
14:58  MC12-52  Mariusz Ropiak  Ventilation for Comfort and Efficiency in a Theatre
15:05  MC12-56  Andrew Coker  Ground Source Heat Pumps: Too good to be true or buried renewable treasure?
15:12  MC12-60  Deepika Singhal  Chimney Ventilation System in Minster School, Southwell - A successful strategy or a redundant building element
15:19  MC12-74  Elinor Huggett  Overheating risk in night cooled buildings within London's urban heat island
15:26  MC12-47  Fatemehsادات Mirakbari  Use of Ventilated Hollow Core Slab to Improve Energy Efficiency of the Built Environment

Tea
Measuring comfort: post occupancy evaluation, indoor air quality, thermal, visual and other subjective surveys
15:40  MC12-06  Anne-Marie Fallon  Investigation into the interaction between indoor climate, activity and passive cooling on occupants of low energy buildings.
15:47  MC12-14  Luisa Dias  An evaluation of Indoor Climate in a school building in Portugal
15:54  MC12-22  Yazhini Chandrasekaran  An investigation of potential natural ventilation strategies for thermal comfort in the Howell building at Brunel University
16:08  MC12-54  Elisavet Palaiologou  Natural ventilation in residential buildings in Athens: Results of field study on occupants' behaviour & perception of thermal comfort.
16:15  MC12-57  Francesco Lozupone  Evaluation of thermal performance in a double skin facade
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<tr>
<th>Time</th>
<th>Session Code</th>
<th>Name</th>
<th>Title</th>
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<tbody>
<tr>
<td>16:29</td>
<td>MC12-35</td>
<td>Carla Nassab</td>
<td>Behavioural Efficiency in Lebanon: Reasons and Incentives</td>
</tr>
<tr>
<td>16:36</td>
<td>MC12-59</td>
<td>Nadine Boehm</td>
<td>Taking Action on Construction Waste - An analysis of construction waste minimisation practices and their barriers</td>
</tr>
<tr>
<td>16:43</td>
<td>MC12-61</td>
<td>Aritz Moriones</td>
<td>Applicability of level 6 CSH: Refurbishment and Extension of a Grade II Listed building</td>
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**Thermal and visual experience as a deliberate element of architectural design**

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<tr>
<td>16:50</td>
<td>MC12-16</td>
<td>Christos Viskadourakis</td>
<td>The Effect of Six Distinct Insulation Techniques on Earth Sheltered Houses: a Sensitivity Analysis</td>
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<tr>
<td>16:57</td>
<td>MC12-30</td>
<td>Sule Olaniyan</td>
<td>fabrizes?</td>
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<td>17:04</td>
<td>MC12-67</td>
<td>My Dao</td>
<td>Light and Thermal Balance by Facade Design: An investigation of the Gateway building</td>
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**Other related subjects**

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<tr>
<td>17:11</td>
<td>MC12-09</td>
<td>Aiglaia Papakyriakou</td>
<td>The potential of integrating Design for Deconstruction as a waste minimization strategy into the profession of the architect</td>
</tr>
<tr>
<td>17:18</td>
<td>MC12-17</td>
<td>Mohamed Imam</td>
<td>Resource Generating Residential Towers</td>
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<tr>
<td>17:25</td>
<td>MC12-18</td>
<td>Rayan Azhari</td>
<td>A simplified analysis method to predict the impact of thermal insulation on the heating and cooling loads in residential buildings in Syria</td>
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<tr>
<td>17:32</td>
<td>MC12-32</td>
<td>Despoina Fragkou</td>
<td>Study of Beehive and its potential “biomimicry” application on Capsule Hotels in Tokyo, Japan</td>
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<tr>
<td>17:39</td>
<td>MC12-40</td>
<td>James Robb</td>
<td>One Planet Living - A better way to produce sustainable buildings?</td>
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<tr>
<td>17:46</td>
<td>MC12-44</td>
<td>Asier Etxebarria</td>
<td>Timber-Structure Multi-Storey Apartment Buildings in the Basque Country</td>
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**Papers not presented**

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<tr>
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<tbody>
<tr>
<td>MC12-48</td>
<td>Maryam Gholipour</td>
<td>Mysterious Patterned windows In primitive frontage of historical rural house of “MASOOLEH” in Iran</td>
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<tr>
<td>MC12-77</td>
<td>Jing Huang</td>
<td>Designing Daylight Responsive Facade Shading System Integrated with Curved Origami Structure</td>
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**SPONSORS**