

## Timetable

### PEOPLE AND BUILDING

23rd of September 2011

09:30	Registration and coffee reception		
10:00	<b>OPENING TALK</b> by Professor Maria Kolokotroni from Brunel University		
<b>Thermal and visual experience as a deliberate element of architectural design</b>			
10:20	MC11	Alex Ndibwami	Architecture as Environment: Perceptions on gender and community as determinants of comfort and energy use in buildings.
10:28	MC64	Maryam Mohammad Gholipour	Therapeutic color for sustainable buildings, Based on traditional Iranian monuments of Safavid dynasty in Esfahan
<b>BREEAM, LEED, Comfort standards, policy and building regulations, passivhaus</b>			
10:36	MC32	Manan Sheth	Green BIM development: Developing a workflow to integrate Code for Sustainable Homes (CSH) with Building Information Modelling (BIM) for Zero Carbon housing in United Kingdom
10:44	MC53	Iván Cruz Navarrete	A review of Building Energy Efficiency Codes in the UK and Spain Mainstreaming a framework for Housing Building Code in Mexico
10:52	MC58	Linda Toledo	Is it possible to achieve Zero Carbon Compliance in the city? If so, would the Zero Carbon energy efficiency standards still be appropriate in a changing climate?
<b>Passive and hybrid strategies for heating and cooling, shading and natural ventilation</b>			
11:00	MC42	Ana De Sousa Pedro Braga Clemente	The changes of occupants' comfort throughadequate shading devices
11:08	MC43	Mark Lomas	Vegetated SUDS : Quantifying The Benefits of Urban 'Rain Gardens' on Air Pollution, Air Cooling, Urban Heat Island Effect and Health.
11:16	MC45	Davide Frasca	Earth Architecture as a Solution for Affordable and Sustainable Homes
11:24	MC52	Helena Barreto Arguelles	Transitional Spaces: Balconies Regulating Indoor Thermal Comfort
11:32	MC54	Sujal V. pandya	Tall Buildings and Urban Microclimate - A Bioclimatic study of urban fabric
11:40	MC55	Themis Chatzigiannopoulos	The effect of semi-hypaethral spaces on residential thermal loads in a shifting Greek regulatory context
11:48	MC62	Priya Gupta	An Insight into Chandigarh College of Architecture - Environmentally Challenged Creative Spaces
11:56	MC69	Rahul Ramrao Suralkar	Solar Responsive Kinetic Facade Shading Systems inspired by plant movements in nature
12:04	MC70	Sohaib Seoudy	Sustainable properties of alternative lightweight earth envelope with reinforced concrete structures in Egypt
12:12	MC74	Oluwatoyin Phillip	Passive Dwindrought evaporative cooling: An investigation of its applicability for Residential space cooling in Riyadh, Saudi Arabia
12:20	MC76	Shahaboddin Resalati	Developing a new model as a fixed shading device and comparing the energy results with existent shading devices
12:28	MC90	J.S. Cheung	CFD Modelling of Natural Ventilation in Multi-cellular Spaces: Case Study – SSEES Building
12:36	MC65	Faye Wade	Could shared lighting controls cause conflict in open-plan offices?
<b>12:44 to 14:00 LUNCH BREAK</b>			
<b>Energy consumption assessment via simulation and measurement, energy audit and energy efficiency</b>			
14:00	MC04	Stuart Hunter	Evaluation of a biomass gasification and fuel cell system for a school
14:08	MC10	Ren Xin	Urban Heat Island in London and its Effect on Cooling/Heating Loads in Buildings
14:16	MC14	Alex Hills	Visualising Building Energy in 3D: Collecting and Communicating Energy Benchmarks and Potential Using Emerging Web Applications and Omnidirectional Imagery

14:24	MC19	Sultan G. Al-Ghamdi	Potential Energy Saving and Peak Shaving of Electric in Single Family Houses In Saudi Arabia
14:32	MC23	Aikaterini Chatzivasileiadi	Distributed or centralised energy systems? Towards sustainable development of the islands.
14:40	MC31	Oleksandra Ivanchuk	Comparison of energy use between retrofitting and rebuilding traditional buildings in the coastal area of the Crimean peninsula, Ukraine
14:48	MC38	Gabriela Marrero	The Cool House: Passive and Low Energy Cooling for Tropical Hot- Humid Climates
14:56	MC63	Carla Nassab	Minimizing Energy Consumption in new built- Learning from the Old –In Sahel Alma Lebanon
15:04	MC66	Lilian Martins da Silva	Energy efficiency upgrades in architecturally interesting housing
15:12	MC68	Richard Jack	The Expanding House: Extensions to Domestic Buildings and their Impact on Energy Consumption
<b>Measuring comfort: Post occupancy evaluation, indoor air quality, thermal, visual and other subjective surveys</b>			
15:20	MC39	Arash Beizae	A Comparison of Calculated and Subjective Thermal Comfort Sensation in Home and Office Environment
15:28	MC47	Kate Simpson	The indoor air quality of a Victorian school with a post-1968 extension
15:36	MC93	Swanand Mahashabde	Investigating Relative Humidity within Dwellings: An Indirect Cause of Building and Occupant Ill Health
<b>Other aspects of low energy architecture</b>			
15:44	MC21	Elena fortunato	Towards a sustainable life: can a lifestyle change “ the System” ?
15:52	MC61	Michael Hanson	Risk and reward of implementing zero carbon retrofit to housing
16:00	MC72	Giulia Sonetti	Environmental convenience of a building retrofit
16:08	MC82	James Hedger	Understanding CO2 dispersion and distribution in school classrooms
<b>16:08 to 16:30 TEA BREAK</b>			
<b>Integrated renewable energy, low carbon cooling, solar panels, daylighting and low energy artificial light</b>			
16:30	MC24	Dishant jariwala	Light and experience: How can Architectural strategies of manipulating light, create experiential spaces.
16:38	MC20	Gabriela Santiago	Towards daylight guidelines for tropical climates
16:46	MC27	Anupama Udaykumar	A study of the facade strategy adopted in the Mill Owners’ association building, Ahmedabad, India -It”s visual and thermal effect on the internal environment
16:54	MC40	Miguel Angel Juarez de leon	Light and Intention of the Sir John Soane`s Museum
<b>Simulation of occupied buildings, measuring and modelling human behaviour in buildings, embodied energy and thermal mass</b>			
17:02	MC06	James Oyeleke	Controlled test and modeling of a semi-active PCM cooling system
17:10	MC22	Pranoti Bobhate	Villa Savoye - An architectural wonder or a thermal disaster
17:18	MC26	Barry McNaboe	Thermal Mass and Patterns of Occupancy in the Refurbishment of Irish Housing Stock
17:26	MC33	Lisa Gobio-Lamin	Usability of thermostat controls – an example of the UCL Energy Institute
17:34	MC34	Peter Warren	Incorporating behavioural complexity into the Open Source Energy Modelling System using intangible costs and benefits
17:42	MC36	Xiaochen Wu	Coupled Thermal Comfort and Airflow Modelling of Emergency Tents
17:50	MC37	Jannie Bakkær	Impact of alternating window opening behavior on different building envelope designs
<b>18:00 to 18:20 AWARDS and closure of the conference</b>			