



ENERGY IN THE CITY

DRAFT PROGRAMME

Conference C91

London South Bank University

23-24 June 2010

**The Solar Energy Society
and**

The Centre for Efficient and Renewable Energy in Buildings (CEREB)

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Energy in the City

Wednesday 23 June

08.45	30	Registration			
9.20 - 9.30	10	Conference Opens			
Session 1 - Delivering policy					
9.30 - 10.00	30	Keynote 1 - James Smith			
10.00 - 10.20	20	C92-EIC_050	Peter	North	Making a Market for Distributed Energy
10.20 - 10.40	20	C92-EIC_007	Tony	Day	Are the Targets Being Delivered? The London Plan Energy Policies in Practice
10.40 - 11.00	20	C92-EIC_003	Ashley	Bateson	Planning for low carbon development: Recent UK experience and lessons for policy and implementation
11.00 - 11.20	20.00	break			
Session 2 - Changing behaviour, making energy use visible					
11.20 - 11.40	20	C92-EIC_011	Martin	Greaves	Using psychological theory to reduce energy consumption in the workplace
11.40 - 12.00	20	C92-EIC_040	Samantha	Heath	Changing behaviours for a more sustainable London
12.00 - 12.20	20	C92-EIC_048	George	Bartley	Web-Based Real Time Energy Monitoring First Step to Energy Efficient Buildings
12.20 - 12.40	20	C92-EIC_017	Brian	King	Applying Immersive Virtual Reality Technology to Energy Efficient Design
12.40 - 13.00	20	C92-EIC_035	David	Smithson	Energy efficient buildings, making energy saving progress visible
13.00 - 14.00	60	lunch			
Session 3 - Moving forward with policy and MMT					
14.00 - 14.30	30	Keynote 2 - David Kennedy			
14.30 - 14.50	20	C92-EIC_010	Martin	Fry	Energy Management Standards, Their Role and State of Development
14.50 - 15.10	20	C92-EIC_039	Sigrid	Lindner	GIS Based Energy Concept for CO ₂ -Reduction by Town Planning
15.10 - 15.30	20	C92-EIC_026	Alastair	Scott	Smart Purchasing as a Tool in Reducing Energy Consumption
15.30 - 15.50	20	C92-EIC_018	Ian	Knight	Reducing Air conditioning energy consumption through measurement
15.50 - 16.20	30	break			
Session 4 - CHP in the City					
16.20 - 16.40	20	C92-EIC_024	Martin	Ratcliffe	What can CHP do for London?
16.40 - 17.00	20	C92-EIC_025	Phil	Jones	Strategic feasibility study of CHP options for the South Bank of London
17.00 - 17.20	20	C92-EIC_022	Princess	Ogumka	The performance of Tri-generation in strategic urban developments
17.45 -	CEREB launch - by request only, please visit www.cereb.org.uk/launch if you feel you would like to be present at this event				

Thursday 24 June

Session 5 - Skills for the future

9.00 - 9.30	30	Keynote 3 - Isabel Dedring			
9.30 - 09.50	20	C92-EIC_045	Angharad	Jones	DTZ Low Carbon Skills For London: Research Conducted on Behalf of the London Development Agency
09.50- 10.10	20	C92-EIC_038	Bill	Humber	Life Cycle Guarantors of Sustainable City Energy Management
10.10 - 10.30	20	C92-EIC_001	Rob	Williams	Skills for Climate Change – Initial mapping and research report identifying the environmental and climate change skills relevant to London construction and built environment businesses
10.30 - 10.50	20	C92-EIC_008	Michael	Hammond	How ready is the Building Services Engineering Sector to Secure the Future? An Analysis of Engagement and Training Needs in Environmental Technologies by Building Services Engineering Sector Contractors in the UK in 2010
10.50 - 11.10	20	Break			

Session 6 - Poster Session

11.10 - 12.40	90	Posters			
12.40 - 13.30	50	lunch			

Sesison 7 - Infrastrcture

13.30 - 14.00	30	Keynote 4 - Rauri Maybank			
14.00 - 14.20	20	C92-EIC_020	Paul	Lewis	Commercial Mechanisms to overcome the barriers of Decentralised Energy Generation Systems to the Built Environment – 3MWp photovoltaic project in Gran Canaria: an International Case Study
14.20 - 14.40	20	C92-EIC_013	Craig	Groberty	Electricity and Heat Distribution Systems
14.40 - 15.00	20	C92-EIC_029	Paul	Woods	The potential for District Heating to contribute to electricity demand management to facilitate renewable and nuclear electricity generation
15.00 - 15.20	20	C92-EIC_019	John	Oakey	Combustion of biomass and municipal solid waste to supply combined cooling, electricity and heating
15.20 - 15.40	20	break			

Session 8 Energy in Buildings

15.40 - 16.00	20	C92-EIC_016	Luisa	Brotas	EVALUATING THE SOLAR ENERGY POTENTIAL OF AN URBAN HOUSING SITE: A CASE STUDY OF BROADWATER FARMS ESTATE LONDON
16.00 - 16.20	20	C92-EIC_027	Louise	Sunderland	Fuel poverty and the housing stock: A London Case Study
16.20 - 16.40	20	C92-EIC_031	Yangang	Xing	A Sustainable housing refurbishment project in the Northern Ireland
16.40 - 17.00	20	C92-EIC_051	Mike	Duke	Performance of a Building Integrated Solar Hot Water System
17.00 - 17.20	20	C92-EIC_044	Stas	Burek	Effects of embedded heat pipes on the thermal response of heavyweight building roof structures
17.20 - 17.30	10	Conference summary and close - Tony Day			



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POSTER PAPERS

Poster Ref. No	Paper Reference No	PaperTitle	Authors
P-01	C92-EIC_002	Advances in Roof top wind turbines and their installation	S Dance, S Hassan, A Unwin
P-02	C92-EIC_004	To what extent do sustainable buildings encourage sustainable behaviour?	John Clarke and Steve Pretlove
P-03	C92-EIC_005	Renewable Electrical Energy Strategies for Low and Zero Carbon Homes	D Cowan and I Chaer
P-04	C92-EIC_012	Paper 1 CHP	Craig Groberty
P-05	C92-EIC_014	Paper 3 Energy Service Companies and Business Solutions	Craig Groberty
P-06	C92-EIC_015	Paper 4 Case Studies	Craig Groberty
P-07	C92-EIC_021	The viability of small scale Biomass Combined Heat and Power (bCHP) for the UK - Initial findings from case study research	David Linsley-Hood and Simon Tucker
P-08	C92-EIC_023	7 More London Riverside	Martin Ratcliffe
P-09	C92-EIC_028	Boosting decentralized, sustainable energy production: How to include SME's?	Olivier Van den Kerckhove
P-10	C92-EIC_030	TOWARDS INTEGRATED PLATFORM FOR POST CARBON SOCIETY PLANNING	Yangang Xing
P-11	C92-EIC_032	A model to encourage behaviour change and more sustainable lifestyles in London through the use of familiar narratives and metrics	Deborah Andrews
P-12	C92-EIC_033	A Cross-disciplinary Analysis of Theoretical and Practical Behavioural Change in the Working Environment	Charlotte Bonner
P-13	C92-EIC_036	How deep to go: Remarks on how to find the cost-optimal level for building renovation	Andreas Hermelink
P-14	C92-EIC_037	Sustainability Modelling of Solar Projects	Amin Hosseinian-Far, Hamid Jahankhani and Elias Pimendis
P-15	C92-EIC_041	How is the Energy Performance in Buildings Directive changing practices in the Multi let office Sector?	David Mead
P-16	C92-EIC_042	Thermodynamic similarities, heat from electric heat pumps and CHP. Is CHP heat with a COP of 2.9 renewable?	William Orchard
P-17	C92-EIC_043	The need for multi-level thinking in meeting the 2050 target reduction in CO ₂ emissions in domestic dwellings	James Ritson and Stephen Pretlove
P-18	C92-EIC_047	Successful low and zero carbon Distributed Energy	Mark Anderson
P-19	C92-EIC_034	Solar water heating	Tony Book
P-20	C92-EIC_046	SYNERGY IN BUILDINGS: TOWARDS DEVELOPING AN UNDERSTANDING OF THE HUMAN INTERFACE	Paul Brown