

# Energy in the City

**London South Bank University  
London**

Securing the future

23-24 June 2010

**Announcement and Call for Papers**

The new Keyworth II building  
including CEREB



Image: Grimshaw

## Conference and Exhibition

[www.energyinthecity.org.uk](http://www.energyinthecity.org.uk)

The conference is organised by the the **SOLAR ENERGY** society, UK section of the International Solar Energy Society, in partnership with London South Bank University to celebrate the opening of the university's Centre for Efficient and Renewable Energy in Buildings (CEREB) in the new Keyworth II Building.

We look forward to welcoming you to London South Bank University.

*Tony Day, Conference Chair;  
Stas Burek, Chair Scientific and Technical Committee;  
Tony Book, Chair The Solar Energy Society (UK-ISES)*

It is estimated that by the end of 2008 more people worldwide will live in cities than in rural areas. Cities are hugely important to economic development and wealth creation, which in turn makes them very large consumers of energy. This creates significant challenges for ensuring secure supplies and adequate infrastructures to meet these growing and changing needs. However, cities also offer some very real benefits for efficient generation and delivery of energy services.

This conference will explore the opportunities for local energy generation and community based delivery systems including the best new technologies, advances in network design, business models and the role of regulation and policy that can achieve truly low carbon cities of the future.

*View of the ground source heat pump coils installed in Keyworth II piles.*



Photo: Ken Smith

CEREB is an exciting new facility at London South Bank University. Created in partnership with City and Kingston Universities, CEREB is a unique resource for the teaching, research and demonstration of low carbon energy technologies in the built environment. The three partners are leaders in training and research in the built environment and the Centre will be at the forefront of low carbon building design.

CEREB will provide a high quality teaching resource in sustainable energy technology and building design, construction and management. It will also offer facilities to conduct research and to demonstrate specific sustainable energy technologies. CEREB will be a showcase for low carbon energy technologies including photovoltaics, solar thermal, ground source heat pumps and wind power. Developed as a specially designed walk through demonstration facility at roof level on LSBU's new Keyworth II building, CEREB will provide direct access to the building's installed

mechanical engineering and renewable low carbon energy technologies.

These facilities will be available to students, researchers, academics, the construction industry and others. Output data from the technologies will also be available through web-based virtual learning environments to enable the Centre to benefit a wider audience through a CEREB web portal.

Keyworth II is a landmark building at LSBU's Central London campus created by Grimshaw Architects. Its design includes features to reduce carbon emissions including thermal massing, solar shading, ground source heating and cooling and solar thermal. The building itself is designed as a teaching tool providing opportunities for the demonstration and display of energy efficiency techniques. A state of the art building energy management system will enable students and researchers to study the building and its energy use.

# Energy in the City – Securing the Future

Conference C92

**London South Bank University, 23-24 June 2010**

Papers are invited on (but not restricted to) the following topics:

- **renewable energy in urban applications;**
- **combined heat and power;**
- **electricity and heat distribution systems;**
- **energy efficient buildings;**
- **energy service companies and business solutions;**
- **case studies;**
- **local, regional and national policy and regulations;**
- **local energy transport solutions.**

## **Abstract Preparation**

Abstracts are invited for oral and poster presentation. All papers will be published in the conference proceedings. Papers will be subjected to a stringent review process and will only be accepted based on their merits.

The abstract should be prepared in English, single-spaced, using Times New Roman 10 pt font with margins of 2.5 cm and using Microsoft Word. The abstract must not exceed 1 page A4 and should be sent by email to [info@uk-ises.org](mailto:info@uk-ises.org). The message should have a subject starting with 'EIC-C92 Abstract Submission'; the file should be named with the surname of the first author (and a running number if more than one paper is submitted, e.g. Surname1). The abstract should include: applicable subject area, full title, names and affiliations of the authors including full contact details of the author for correspondence, purpose of the work, scientific approach, relevance and a summary of the results and conclusions

## **Conference Outline**

**Wednesday 23 June** 09.30 Registration; 10.30 Conference opens; 18.00 Reception: Centre for Efficient and Renewable Energy in Building (CEREB); London South Bank University.

**Thursday 24 June** 09.00 Full Conference day; 16.00 Conference closes.

## **Key Dates**

Abstract submission: **Friday 15th January 2010;**

Author notification: **Monday 1st March 2010;**

Full paper submission: **Friday 7th May 2010;**

Early Bird Registration deadline: **Friday 21st May 2010.**

**Registration:** Full details of Conference Registration overleaf.

Energy in the City is a non-residential conference. Delegates must make their own accommodation arrangements.

# Energy in the City Delegate Registration Form

## Solar Energy Society Conference C92 London South Bank University, 23-24 June 2010

Please complete and detach the registration form and return to the Society's Secretariat together with your payment at the address below.

Early bird registration deadline: Friday 21 May 2010.

Your place will be confirmed in writing and venue details sent.  
Conference is Non- Residential.

Delegates are responsible for arranging their own accommodation.  
Full Conference Rate includes all refreshments, lunches, reception  
on 23rd June.

All registration categories include a copy of the Conference  
Proceedings C92.

Registration by non-members includes standard national membership  
of the Society until end 2010. All prices inclusive of VAT.

Full Name:		
Organisation:		
Address:		
Tel and Fax No:		E-mail:
<b>FULL CONFERENCE RATE</b>		CIRCLE FEES AS APPROPRIATE
<b>Registration Category</b>	<b>Early registration (On or before 21 May 2010)</b>	<b>Registration (22 May 2010 onwards)</b>
UK-ISES/ CIBSE / Energy Institute Members	£200.00	£250.00
UK-ISES/ CIBSE / Energy Institute Student or Retired Members	£130.00	£180.00
Non UK-ISES/ CIBSE / Energy Institute Members	£290.00	£340.00
Non UK-ISES/ CIBSE / Energy Institute Student or Retired Members	£165.00	£215.00
<b>ONE DAY RATE</b>		
UK-ISES/ CIBSE / Energy Institute Members	£130.00	£180.00
UK-ISES/ CIBSE / Energy Institute Student or Retired Members	£75.00	£125.00
Non UK-ISES/ CIBSE / Energy Institute Members	£190.00	£240.00
Non UK-ISES/ CIBSE / Energy Institute Student or Retired Members	£95.00	£145.00

### Method of Payment of Registration Fee

*N.B. For Payment by Credit Card an Additional Charge of £10.00 will be made.*

**1. Credit Card**      Number \_\_\_\_\_      Expiry Date \_\_\_\_\_  
(Visa, MasterCard)      Name on card \_\_\_\_\_

**2. Debit card**      Number \_\_\_\_\_      Expiry Date \_\_\_\_\_  
(SWITCH)      Name on card \_\_\_\_\_      Issue Number \_\_\_\_\_

**3. Cheque, payable to 'The Solar Energy Society'**

**4. Payment against Invoice Yes/No**      Signature: \_\_\_\_\_  
Invoice Address if different from above \_\_\_\_\_

Date: \_\_\_\_\_

**The SOLAR ENERGY Society**, PO Box 489, Abingdon OX14 4WY, UK, Tel +44 (0)7760 163559,  
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Full details of the C92 Energy in the City conference, can be obtained from [www.energyinthecity.org.uk](http://www.energyinthecity.org.uk) or by contacting  
The Secretariat, The Solar Energy Society, PO Box 489, Abingdon OX14 4WY, UK  
Tel: 0044 (0)7760 163559; Fax: 0044 (0)1235 848684; Email: info@uk-ises.org;