

ISESCO/WREN INTERNATIONAL SEMINAR IN BRITAIN

World Renewable Energy Council/Network (WREN) Seminar No.84

PROGRAMME

**RENEWABLE ENERGY- Policy, Security, Electricity, Sustainable Transport,
Water Resources/Management and the Environment**

3-9 July 2011, Barcelo, Old Ship Hotel, Brighton

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MAIN SPONSORS



Other Sponsors are

Wind Direct, AEP, WREC

Swift Hook Associates

Sunday: 3 July

REGISTRATION and WELCOME CEREMONY

13:00 - 17:00

Arrival of participants at the Old Ship Hotel

The hotel is a 4-star hotel, located on the sea front, 100 metres from the main Brighton pier. (Rooms are booked through the seminar period only. Persons requiring extra nights must pay these nights themselves and must make arrangements with the hotel management upon arrival. **Telephone, laundry, and alcoholic drinks must be paid for by the participants.**)

17:00 - 18:00

Registration – Old Ship Hotel Lobby

All Lectures will take place in Gresham room

18:30 - 19:00

Welcome by the Chairman – Prof Ali Sayigh, Dr Faiq Billal, ISESCO Director of Science and Dr Larry Kazmerski, Director of Science and Technology Cooperation Program, NREL, USA

19:00 - 19:45

Wind Power is necessity in many countries

Don Swift-Hook, Secretary General of WREN Board, UK

20:00 - 22:00

Welcome Dinner (Old Ship Hotel)

Monday: 4 July

RENEWABLE ENERGY OPTIONS - I

07:30 - 08:30

Breakfast

09:00 - 10:00

Photovoltaic Technology I

Larry Kazmerski, Science and Technology Cooperation Director, NREL, Denver, USA

10:00 - 11:00

Photovoltaic System with Solar Concentration

Phil Eames, Centre for Renewable Energy Systems Technology, Loughborough University, UK

- 11:00 - 11:30 **Coffee Break**
- 11:30 - 12:15 **Traditional and Modern Options of Energy Conservation in Buildings**
Dorota Chwieduk, Institute of Heat Engineering, Warsaw University of Technology, Sciences, Warszawa, Poland
- 12:15 - 12:45 **Progress in Manufacturing of PV Panels – The Cottage Industry Approach**
Kamaruzzaman Sopian, University Kebangsaan Malaysia, Malaysia
- 12:45 - 13:15 **Group Photograph**
- 13:15 - 14:30 **Lunch Break**
- 14:30 - 15:30 **Photovoltaic Technology II**
Larry Kazmerski, US National Center for PV, Denver, USA
- 15:30 - 16:00 **Solar Water Heaters**
Tony Book, Riomay, Eastbourne, UK
- 16:00 - 16:30 **Coffee Break**
- 16:30 - 17:00 **UK Renewable Energy Programme**
John Buckley, Head of Trade Promotion, DECC's UK Renewables
- 17:00- 18:00 **Energy Saving in Buildings**
Mark Jentsch, University of Southampton, Southampton, UK
- 19:00 - 21:00 **Dinner – Main Restaurant, Old Ship Hotel**

Tuesday: 5 July

RENEWABLE ENERGY OPTIONS - II

- 07:30 - 08:30 **Breakfast**
- 09:00 - 10:00 **Solar Cooling & Refrigeration**
Robert Critoph, University of Warwick, Warwick, UK
- 10:00 - 11:00 **Wind Energy Progress and Development**
David Milborrow, Consultant, Lewis, UK
- 11:00 - 11:30 **Coffee Break**
- 11:30 - 13:00 **Biomass to Energy by Anaerobic Processes I**
Giuliano C Premier, University of Glamorgan, Wales
- 13:00 - 14:30 **Lunch Break**
- 14:30 - 15:15 **Hydropower and Mini-grids**
Arthur Williams, Dept. of Electrical & Electronic Eng., Univ. of Nottingham, UK
- 15:15 - 16:00 **Habitat, Comfort and Architecture**
Bill Watts, Max Fordham Associates, London, UK
- 16:00 - 16:30 **Coffee Break**
- 16:30 - 17:30 **Marine Technology – Potential and Prospect**
AbuBakr Bahaj, University of Southampton, Southampton, UK

17:30 - 18:30 **Innovative Approach to Building Materials**
Andrew Miller, University of Brighton, Brighton, UK

19:00 - 21:30 **Dinner – Outside, Sponsored by Dr Swift-Hook**

Wednesday: 6 July **NATIONAL and INTERNATIONAL PROGRAMMES**

07:30 - 08:30 **Breakfast**

09:00 - 10:00 **Renewable Energy and Electricity Production in the UK**
David Porter, OBE, Chief Executive, Association of Electricity Producers (AEP)

10:00 - 10:30 **Photovoltaic Thermal Solar Collectors – Solar Energy Application of the Future**
Dato M Y Othman, Director, Institute of Islam Hadhari, Malaysia

10:30 - 11:00 Two participants' presentations

11:00 - 11:30 **Coffee Break**

11:30 - 12:30 Three participants' presentations

12:30 - 13:00 **Renewable Energy in Iran**
A Kaabi, NEJADIAN, Renewable Energy Organization of Iran

13:00 - 14:00 **Lunch Break**

14:00 - 15:00 **Sustainable Buildings in the UAE**
Mohsen M. Aboulnaga, Govt. Strategy & Policy Advisor, Dubai, UAE

15:00 - 16:00 **Water Production and Renewable Energy in Bahrain**
Nader Al-Bastaki, Bahrain University, Manama, Bahrain

16:00 - 16:30 **Coffee Break (scones, clotted cream & jam)**

16:30 - 19:30 **Free Period**

19:30 – 22:00 **Dinner – KAZ Outside Dinner**

Thursday: 7 July **FIELD TRIP**

07:30 - 08:30 **Breakfast**

09:00 - 20:30 Bus leaves at 9:00 to London – Technical visit then London visit and Afternoon Tea at Prof Swift-Hook Mansion followed by Outside Dinner

Friday: 8 July **RENEWABLE ENERGY OPTIONS - III**

07:30 - 08:30 **Breakfast**

09:00 - 10:00 **Photovoltaic Technology - New Developments - III**
Larry Kazmerski, US National Center for PV, Denver, USA

10:00 - 11:00 **The Economics of Wind Energy**
David Milborow, Consultant, LEWES, UK

- 11:00 - 11:30 **Coffee Break**
- 11:30 - 12:30 **Wind Energy Programme in the UK & British Government Incentive**
Martin Alder, Wind Direct, Gloucester, UK
- 12:30 - 14:00 **Lunch Break**
- 14:00 - 15:00 **Climate Change - Innovative Energy and Water Solutions.**
Adel Sharif, Surrey University, Guilford, UK
- 15:00 - 16:00 **Elsevier – WREN, Publication, Paper submission and review, Journal News**
Clare Lehane, Publisher - Energy journals, Elsevier, Oxford, UK
- 16:00 - 16:30 **Coffee Break**
- 16:30 - 17:30 **Free Period**
- 19:30 - 22:00 **BANQUET and Certificates' Presentation**

Saturday: 9 July

BON VOYAGE

- 08:00 - 10:00 **Breakfast**
- 11:00 - 12:00 Departure of all participants. Any person wanting to stay longer is asked to please arrange this him / herself with the Old Ship Hotel **at least three days before departure.**