

# INTERNATIONAL SEMINAR IN BRITAIN

World Renewable Energy Council/Network (WREN) Seminar No.83

## PROGRAMME

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

**5-11 December 2010, Old Ship Hotel, Brighton**

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## MAIN SPONSORS



## Other Sponsors are

Wind Direct, AEP, WREC

Swift Hook Associates

### Sunday: 5

#### 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 the room next to the hotel front desk**

18:30 - 19:00

Welcome by the Chairman - Ali Sayigh, ISESCO Representative and Larry Kazmerski - NREL

19:00 - 19:45

**Ventilation and Air Movement in Buildings**

Ian Giuliani, Chairman of WREC Low Energy Architecture, Henley, UK

20:00 - 22:00

**Welcome Dinner (Old Ship Hotel)**

### Monday: 6

#### 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

**Solar Cooling & Refrigeration**

Robert Critoph, University of Warwick, Warwick, UK

11:00 - 11:30

**Coffee Break**

- 11:30 - 12:00 **To be announced**
- 12:00 - 13:00 **Photovoltaic System with Solar Concentration**  
Phil Eames, Centre for Renewable Energy Systems Technology, Loughborough University, UK
- 13:00 - 13:15 **Group Photograph**
- 13:15 - 14:30 **Lunch Break**
- 14:30 - 15:30 **Marine Technology – Potential and Prospect**  
AbuBakr Bahaj, University of Southampton, Southampton, UK
- 15:30 - 16:00 **Marketing Aspects of Solar Water Heaters in Europe**  
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 **Water Production and Renewable Energy in Bahrain**  
Hussain Al-Madani & Nader Al-Bastaki, Bahrain University, Manama, Bahrain
- 19:00 - 21:00 **Dinner – Main Restaurant**

**Tuesday: 7**

**RENEWABLE ENERGY OPTIONS - II**

- 07:30 - 08:30 **Breakfast**
- 09:00 - 10:00 **Habitat, Comfort and Architecture**  
Bill Watts, Max Fordham Associates, London, UK
- 10:00 - 10:30 **No Doubts about Wind Power**  
Don Swift-Hook, Secretary General of WREN Board, UK
- 10:30 - 11:00 **To be announced**
- 11:00 - 11:30 **Coffee Break**
- 11:30 - 12:30 **Biomass to Energy by Anaerobic Processes I**  
Giuliano C Premier, University of Glamorgan, Wales
- 12:30 - 13:00 **Biomass to Energy by Anaerobic Processes II**  
Giuliano C Premier, University of Glamorgan, Wales
- 13:30 - 14:30 **Lunch Break**
- 14:30 - 15:00 **Hydrogen Generation Technology & Fuel Cells**  
Shaker Haji, Bahrain University, Manama, Bahrain
- 15:00 - 16:00 **Wind Energy Development**  
David Milborrow, Consultant, Lewis, UK
- 16:00 - 16:30 **Coffee Break**
- 16:30 - 17:15 **Photovoltaic Technology II**  
Larry Kazmerski, US National Center for PV, Denver, USA

17:15 - 18:00 **Innovative Approach to Building Materials**  
Andrew Miller, University of Brighton, Brighton, UK

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

**Wednesday: 8** **FIELD TRIP**

07:30 - 08:15 **Breakfast**

08:30 - 17:30 (Early Breakfast, Bus leaves at 8:30 to London – Visit British Museum, Solar Century – Solar Aid, special dinner outside in Brighton)

19:00 - 21:30 **Dinner – KAZ Outside Dinner**

**Thursday: 9** **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 Applications in Malaysia**  
Kamaruzzaman Sopian, Director Solar Energy Research Institute (SERI), Malaysia

10:30 - 11:00 **Renewable Energy Applications in Malaysia**  
M Y Othman, Director, Institute of Islam Hadhari, Universiti Kebangsaan, Malaysia

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

11:30 - 12:30 **Hydropower and Mini-grids**  
Arthur Williams, Dept. of Electrical & Electronic Eng., Univ. of Nottingham, UK

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 **Innovative Building Design for Energy Saving**  
Nazar Sayigh, Glas, London, UK

15:00 - 16:00 **Climate Change and the Built Environment**  
Mark Jentsch, University of Southampton, Southampton, UK

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

16:30 - 21:30 **Free Period**

## **Friday: 10**

## **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 - 13:00

**Free Period**

13:00 - 14:00

**Lunch Break**

14:00 - 15:00

**Building Integrated Photovoltaics - BIPV - Boundless Possibilities**

Amolak Singh Hunjan, Special Project Engineer, PV Systems Ltd, Wembley, UK

15:00 - 16:00

**Wind Energy Programme in the UK & British Government Incentive**

Martin Alder, Wind Direct, Gloucester, UK

16:00 - 16:30

**Coffee Break**

16:30 - 17:30

**Free Period**

19:30 - 22:00

**BANQUET and Certificates' Presentation**

## **Saturday: 11**

## **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.**