

**International Experts' Seminar-105
World Renewable Energy Congress/Network,
WREC/WREN**

**International WREN Experts' Seminar in Britain, No. 105
24 Monday – 27 Thursday, June 2024
RENEWABLE ENERGY, CLIMATE CHANGE, Policy, Security, Electricity,
Transport, Water Resources & the Built Environment**



**Holiday Inn Hotel, Seafront, 137 Kings Rd, Brighton and Hove, Brighton BN1
2JF, Brighton, East Sussex UK:
Tel, 44(0) 333 320 9324**

AMONG THE SPONSORS



BOLTON UNIVERSITY



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KINGDOM UNIVERSITY



Please see below: Speakers information, registration form and tentative full program.

Professor Ali Sayigh – Seminar director

Chairman of World Renewable Energy Congress and Council, Director General of World Renewable Energy Network (WREN), Chairman, Founder of the Arab Solar Energy Society, Past Chairman of the UK Solar Energy Society, Director of Solar Seminars at ICTP- Trieste, Italy 1977-1995, Professor and head of Solar Energy: Saudi Arabia, Kuwait, and Reading Universities from 1969 to 1994. 1994- 2002, professor at the University of Hertfordshire 1995-2004. He is founding member of The Arab Science and Technology Foundation (ASTF), Sharjah, UAE, 2000, Fellow of the Institute of Energy; Fellow of the Institution of Engineering & Technology (IET); Chartered Engineer; Chairman of Iraq Energy Institute. Fellow of the Royal Society of Art (FRSA). He has published more than 600 papers and written and edited more than 50 books.

He is editor and editor-in-chief of several international journals including the one which he founded in 1983 which is now called Renewable Energy– the official Journal of WREN published by Elsevier Ltd. He established with publications the annual Renewable Energy Magazine in 2000- 2015. He started New Journal with EDP Sciences in 2017, Open Access called “Renewable Energy and Environmental Sustainability-REES.



The seminar will review the status of Climate Change and global warming, role of renewable energy systems in meeting the world energy demand in electricity, transport, industry and in the built environment and focus on up-to-date technologies in water resources and management. Special attention is given to environment, efficiency, and energy saving. It will open the opportunity to participants to learn and co-operate with various industries and keeps them well informed with renewable energy development. This seminar creates one of the best opportunity for networking among the participants.

Main topics covered during the seminar will include:

- climate change
- Energy Economics & Policy
- update on renewables.
- wind energy, biomass industries. Waste to Energy,
- Photovoltaic technology
- heating and cooling applications
- low energy & sustainable buildings
- Low energy architecture & Building materials
- hydro power, & Mini-Hydro



Some of the expected speakers include:

Prof Ali Sayigh

WREN, UK

Prof Antonella Trombadore

University of Florence, Italy

Prof R Critoph

Warwick University, UK

Dr Marta Szabo

Szent Istvan University, Hungary

Prof Larry Kazmerski

NREL, Colorado, USA

Prof Dr D Chwieduk

Warsaw University of Technology, Poland

Prof Anastasia Zabaniotou

Aristotle University of Thessaloniki, Greece

Prof Nader Al-Bastaki

Bahrain University, Bahrain

Dr Jazla Fadda

Visionary Mindset, Dubai, UAE

Prof Riadh Al-Dabbagh

Adviser Ajman University, UAE

Dr Abdul Salam Darwish

Bolton University, UK

Mr Rainer Hinrichs-Rahlwes

Berlin, Germany

Mr Tony Book

Brighton, UK

Prof Manuel Guedes

Tecnico Lisboa, Portugal

Dr Arthur Williams

Nottingham University, UK

Prof Peter Farrell

Bolton University, UK



NOTE: Most speakers hotels were reserved and all have been informed, but they have to confirm their reservation no later than end of APRIL 2024.

Participants

The seminar is important for policy, Makers, industrialists, government, Agencies, decision makers, researchers, Managers, and manufacturers. University Staff and Postgraduate Students.

Numbers

There are places for 25 participants, and those will be allocated on a First-come First-serve basis.

Fees

Registration is £350 (Three Hundred and Fifty Pound Sterling). Details what you get for registration is being specified on the registration form.

We are unable to accept reduced fees for one day attendance. One day registration is the same as all days' registration.



APPLICATION FORM

World Renewable Energy Council/Network (WREN) International Experts 'Seminar in Britain No - 105

WREN international experts' seminar in Britain No. 105: RENEWABLE ENERGY, Policy, Security, Electricity, Sustainable Transport, Water Resources/Management and the Environment 24-27 June 2024 – At **Holiday Inn** Hotel, Seafront, Brighton

Please send the completed form to: World Renewable Energy Congress, Flat 3, 5-6 Clarendon Terrace, Brighton BN2 1FD, UK, T: 44(0)1273-625 643, Email: asayigh@wrenuk.co.uk, www.wrenuk.co.uk,

Please complete this form in BLACK INK and in CAPITAL LETTERS. Registration is £350 (Sterling Pound, three hundred and fifty)

Full Name _____

ADDRESS _____

Telephone _____

Email _____

Date _____

Signature _____

*** Payment:** Payment must be made in pounds sterling (£) or money order drawn on a British Bank and payable to World Renewable Energy Congress Ltd. **Cheque or money transfer are accepted only.** Direct Transfer must be made to Our Bank HSBC, 153 North St, Brighton and Hove, Brighton BN1 1RE, East Sussex, UK, account No. 91353349, sort code: 40–25–06. IBAN No. GB70HBUK40250691353349, Swift No. HBUKGB4113U, **NO CREDIT CARD. One Day Registration is not accepted.**

WHAT YOU GET FOR REGISTRATION: USB of all presentation, List of Participants, Program, Certificate of attendance, group photograph, Two coffee breaks, Lunch, and sponsored dinner every day.

WREN/WREC is a none profit organization.

NOTE: For hotel booking you either make your own booking or let me know so I can advise you. **Please remember June is a prime holiday period in Brighton, if you do not secure your hotel booking by the end of April, you might have to travel further to get one.**

PROGRAMME

SUNDAY – 23 June

16:00 – 19:00 Arrival to BRIGHTON and register with the different Hotel –receptions.

19:00 – 22:00 **FREE PERIOD**

MONDAY – 24 June

CHAIR: Prof Robert Critoph

07:00 – 08:30 **BREAKFAST**

09:00 – 9:15

09:15 – 10:15

Introduction by Prof Ali Sayigh – Chair of the Seminar, UK

Advancing the Design Process Experience of Heritage Buildings' Renovation

Prof. Arch, Antonella Trombadore, Italy

10:15 – 11:00

Mr Tony Book House in Brighton, UK

Mr Tony Book, UK

11:00 – 11:30

Coffee Break

11:30 – 12:30

Photovoltaics Technology: The Amazing Progress and Expectations, *but* with Some Concerns

Prof Lawrence Kazmerski, USA

12:30 – 14:00

LUNCH BREAK

14:00 – 15:00

Green Energy Generation for Rising Yields and Falling Costs

Prof. Dr Riadh H. Al-Dabbagh, United Arab Emirates

15:00 – 16:00

The Economics of Wind Energy

David Milborrow, Consultant, WREN Pioneer

(will be presented by Ali Sayigh)

16:00 – 16:30

Coffee Break

16:30 – 17:30

Water Desalination Systems

Prof Nader Al-Bastaki, Bahrain

17:00 – 17:30

GROUP PHOTOGRAPH

19:30 – 22:00

DINNER SPONSORED by Prof Critoph, at Pinocchio Restaurant

TUESDAY – 25 June

CHAIR: Prof Riadh Al-Dabbagh

07:00 – 08:30 **BREAKFAST**

09:00 – 10:00

Adsorption heating and cooling applications for a sustainable future

Prof. Robert Critoph, UK

10:00 – 11:00

Sustainable Horizons: Floating Wind, H2, and the Pathway to Net Zero by 2050

Prof Dr Eng Abdul Salam K. Darwish, UK

11:00 – 11:30

Coffee Break

11:30 – 12:30

Plastic Waste to Fuels

Prof Zabaniotou, Anastasia: Greece

12:30 – 14:00

LUNCH BREAK

14:00 – 15:00

The European Green Deal – Perspectives for the next legislative period and towards 2040

Mr Rainer Hinrichs-Rahlwes, Germany

15:00 – 16:00

Environmental Determinants of Health: Environmental Threats & Climate Change Adverse Impacts on Health.

Dr Jazla Fadda, United Arab Emirates.

- 16:00 – 16:30** **Coffee Break**
- 16:30 – 17:30** **Sustainable Building Design in Extreme Climates: from the Amazon to Antarctica**
Prof. Manuel Correia Guedes, Portugal
- 19:30 – 22:00** **Indian Restaurant Sponsored Larry Kazmerski**

WEDNESDAY – 26 June

CHAIR: Prof Abdul Salam Darwish

- 07:00 – 08:30** **BREAKFAST**
- 09:00 – 10:00** **Positive Energy Districts**
Prof. DSc Dr Dorota Chwieduk, Poland
- 10:00 – 11:00** **PV applications in agriculture.**
Dr Marta Szabo, Hungary
- 11:00 – 11:30** **Coffee Break**
- 11:30 – 12:30** **Hydropower, Energy Storage and Electricity for remote communities**
Dr Arthur Williams, UK
- 12:30 – 14:00** **LUNCH BREAK**
- 14:00 – 15:30** **Researchers Presentations (Postgraduate Students)**
- 15:30 – 16:00** **Coffee Break**
- 16:00 – 17:00** **Professionalizing the engineering workforce to meet the challenges of Climate Change and zero Carbon**
Prof Peter Farrell, Bolton, UK
- 19:30 – 22:00** **DINNER SPONSORED - By Bolton University, Prof Salam Regency Restaurant**

THURSDAY – 27 June

CHAIR: Dr Marta Szabo

- 07:00 – 08:30** **BREAKFAST**
- 09:00 – 10:00** **PV status and growth expectation, life expectancy and cost**
Prof Larry Kazmerski, USA
- 10:00 – 11:00** **Renewable Energy Progress in the Caribbean Region**
Dr INDRA HARAISINGH, ST. AUGUSTINE, TRINIDAD & TOBAGO
- 11:00 – 11:30** **Coffee Break**
- 11:30 – 12:30** **The Indian Renewable Energy Program: Brightening up India Today and Tomorrow**
Dr Gouri Datta, India
- 12:30 – 14:00** **LUNCH BREAK**
- 14:00 – 19:30** **FREE PERIOD (NO COFFEE BREAK)**
- 19:30 – 22:00** **GALA DINNER at HOLIDAY INN, Certificates, Photo, USB handout**

FRIDAY – 28 June

- 07:30 – 10:00** **BREAKFAST**
- 10:00 – 12:00** **BON - VIAGE (Safe Journey Home)**