

International Conference on Sustainability in Energy and Buildings
Special Session

Title of Session:

***Solar Energy for the Middle East and North Africa:
From Materials and Devices to Systems and Applications***

Name of Chair:

Dr. Mahieddine Emziane – Associate Professor
Solar Energy Materials and Devices Laboratory
Masdar Institute of Science and Technology
Masdar City, Abu Dhabi, UAE.

Description:

The current global challenge and opportunity consist in the development of new and renewable energy sources for the generation of sustainable, affordable, accessible, flexible and clean electricity to power our rising energy demand.

Solar energy has emerged as the main sustainable energy source in many parts of the world, but particularly in the Middle East and North Africa (MENA), and is attracting tremendous interests in terms of research, development, investment and deployment. It is also increasingly contributing to the energy mix of many countries around the world.

The aim of this session is to provide an opportunity for scientists and engineers, from both academia and industry, specifically from countries in MENA, to present their research papers related to all solar energy technologies and applications, highlighting challenges and opportunities arising from their location in MENA. Photovoltaics, solar thermal and their diverse applications will be covered. The session will focus on the science, engineering, innovation, manufacturing and applications, but other important aspects for the promotion of solar energy, including economics, investment, policy and environment will also be included.

Paper Submission:

Interested authors are kindly invited to submit their original and not previously published manuscripts to this special session via the conference online paper submission system. All manuscripts will undergo a peer review in line with the conference and publisher (Elsevier) quality standards. We welcome contributions and participation of scientists, researchers, engineers and practitioners from academia, industry and government organisations.

Important dates:

- Deadline for submission of full manuscripts: 1st March 2014.
- Notification of authors: 31 March 2014.
- Upload of final version of accepted papers: 1st May 2014.

For any further information, please feel free to contact the session organizer directly.

Contact Details: email: memziane@masdar.ac.ae - Tel: +971 2810 9140 - www.masdar.ac.ae