

International Conference on Sustainability in Energy and Buildings

Invited Sessions

Title of Session: Solar Energy

Name of Chair: Dr. Mahieddine Emziane – Associate Professor
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 is attracting tremendous interests in terms of research, development, deployment and investment and it is increasingly contributing to the energy portfolio of many countries around the world.

The aim of this session is to provide an opportunity for scientists and engineers to present their research papers in the solar energy field. It deals with solar energy conversion and encompasses all solar technologies. Photovoltaics, solar thermal and their applications including integration into the built environment 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 covered.

Website URL (if any): www.masdar.ac.ae

Email & Contact Details: memziane@masdar.ac.ae