

## **International Conference on Sustainability in Energy and Buildings**

### **Invited Session**

**Title of Session:**

**Technologies and Applications of Solar Energy**

**Name of Chair:**

Dr. Mahieddine Emziane – Associate Professor  
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**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 worldwide 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, to present their research papers related to all solar energy technologies and applications. Photovoltaics, solar thermal and their diverse 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 included.

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