

International Conference on Sustainability in Energy and Buildings

Invited Sessions

Title of Session: Energy Storage- Potential, Challenges, Advances

Name of Chairs: Dr. Jonathan Radcliffe; Dr Catalina Spataru

Description:

The Special Session on Energy Storage aims to bring together academic and professional researchers to discuss modelling challenges and techniques, experimental studies and implementation of different energy storage systems (thermal, pumped hydro, compressed air storage, grid-connected (PV)-battery systems, etc.). We encourage authors to submit papers describing original work, including methods, techniques, comparisons studies, projects descriptions, and recent advances. Topics of interest include, but are not limited to:

- Life Cycle Assessment of Energy Storage Systems
- Hybrid Energy Storage Solutions
- Economics and Benefits of Energy Storage in power grids
- Safe, Low Cost Hydrogen Storage
- Testing and evaluation of energy storage systems
- The strategic importance of energy storage
- Storage technologies (thermal, pumped hydro, compressed air, grid-connected battery systems, etc.)
- Modelling energy storage

Please submit papers following SEB'14 format.

Important Dates

- Submission of full papers for review: 20th March 2014
- Notification of acceptance: 3rd April 2014
- Upload of publication files for the proceedings: 1st May 2014

Special session organisation:

Dr. Catalina Spataru, Senior Researcher, UCL Energy Institute, London, UK

Dr. Jonathan Radcliffe, Programme Director, Energy Storage, Centre for Low Carbon Futures, Birmingham, UK

Website URL (if any):

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