Special Issue

Intelligent Management and Control of Energy Storage Systems

Message from the Guest Editors

Energy storage is the key technology to achieve stable and consistent power delivery, and to address the challenges associated with modernizing the power grid. In the meantime, energy storage systems (ESSs) have also been playing a key role in end-user electrification. This is evident from the proactive penetration of battery-powered electrical vehicles (EVs) in pursuit of an efficient and low-carbon society. This vision has driven intensive studies on the development of advanced ESSs that combine performance and cost merits, while suitable management and control strategies are pivotal to enhance the overall safety, reliability, and cost efficiency[DM1] . The Special Issue, therefore, seeks to contribute to the energy storage agenda through enhanced scientific knowledge related to intelligent management, control, power electronics, and novel ESSs with application in a wide range of fields like EVs, power grids, distributed generation, etc.

Guest Editors

Prof. Dr. King Jet Tseng

Dr. Zhongbao Wei

Dr. Jianwei Li

Dr. Hao Mu

Prof. Dr. Rui Xiong

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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