Special Issue

Mechatronic Technologies for Future Energy Systems

Message from the Guest Editors

The aim of this Special Issue of Energies is to explore emerging mechatronic technologies for future energy systems, from fundamental research to practical applications. In addition, it is also necessary to examine the possible consequences of mechatronic energy systems and their integration into our society, economy, and environment. Topics of interest for this special issue include but are not limited to:

- Hybrid/electric vehicles and machines across sectors;
- Renewable energy and energy storage technologies;
- Smart grids and infrastructures;
- Innovative energy/power estimation, distribution, conversion and management;
- Advanced modelling, simulation, control and optimisation of energy systems;
- Intelligent communication and integration technologies for energy systems;
- Advanced verification and rapid prototyping of energy systems;
- Telematics, Big Data mining and machine learning for smart energy systems;
- Advanced fault diagnosis, resilient control and safety management of energy systems;
- Advanced technologies for recycling energy systems and life-cycle cost analysis.

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Deadline for manuscript submissions

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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.

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