Special Issue

Advanced Control Techniques for Wind/Solar/Battery Systems

Message from the Guest Editor

This Special Issue will cover the diverse applications of advanced control techniques in solar and/or wind energy systems operating in a grid-connected or islanded mode. The proposed energy systems do not necessarily have to contain batteries. Both theoretical and experimental research are welcome.

- active and reactive power control in wind/solar energy systems
- control of wind turbine blades
- maximum power point tracking in wind/solar energy systems
- partial shading in photovoltaic systems
- power converter control in wind/solar energy systems
- control of voltage and frequency in wind/solar microgrids
- battery control and monitoring systems

Guest Editor

Prof. Dr. Dinko Vukadinović
Department of Power Engineering, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, University of Split, 21000 Split, Croatia

Deadline for manuscript submissions

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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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