Special Issue

Computational Intelligence for Modeling, Control, Optimization, Forecasting and Diagnostics in Photovoltaic Applications

Message from the Guest Editors

This Special Issue aims to:

- focus on the latest theoretical studies, numerical algorithms, scientific results, and applications of CI in PV systems;
- bring together scientists adopting several approaches and working on the above topics;
- promote and share as much as possible top-level research in the field of CI in PV systems.

This Special Issue is open to both original research articles and review articles covering, but not limited to, these topics:

- maximum power point tracking techniques;
- forecasting techniques;
- sizing and optimization of PV components and systems;
- PV modelling;
- reconfiguration algorithms;
- faults diagnosis;
- mismatching detection;
- decision processes for grid operators.

Guest Editors

Prof. Dr. Massimo Vitelli

Department of Engineering, Università degli Studi della Campania Luigi Vanvitelli, Aversa, CE, Italy

Dr. Luigi Costanzo

Department of Engineering, Università degli Studi della Campania Luigi Vanvitelli, 81031 Aversa, Italy

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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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