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

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Deadline for manuscript  
submissions:

**closed (30 June 2020)**

### Message from the Guest Editors

Dear Colleagues,

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.

Prof. Dr. Massimo Vitelli

Dr. Luigi Costanzo

*Guest Editors*



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# Special Issue



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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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