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Solar Hybrid Power Systems II

Guest Editors:

Prof. Dr. Daniel Tudor Cotfas
Electrical Engineering and Computer Science Faculty, Transilvania University of Brasov, Eroilor, nr. 29, 500036 Brasov, Romania

Dr. Petru Adrian Cotfas
Electrical Engineering and Computer Science Faculty, Transilvania University of Brasov, Eroilor, nr. 29, 500036 Brasov, Romania

Dr. Hegazy Rezk
Electrical Engineering, College of Engineering - Wadi Aldwaser, Prince Sattam bin Abdulaziz University, Wadi Aldwaser, Saudi Arabia

Deadline for manuscript submissions:
closed (30 November 2021)

Message from the Guest Editors

The Special Issue aims to collect innovative solutions and experimental research supported by appropriate modeling and design, but also state-of-the-art studies, in the following topics:

- Advanced solar hybrid configurations based on solar energy sources: photovoltaic cells and panels—PV, solar thermoelectric generators—STEG, and solar thermal collectors—STC;
- Innovations for Solar hybrid power systems—PVT, PV wind, and hybrid storage systems;
- Solar hybrid power systems in concentrated light;
- Modeling and simulation of solar hybrid power systems;
- Innovative applications of the solar hybrid power systems for small-scale (energy harvesting);
- Methods to calculate the electrical and thermal parameters of solar hybrid power system components in different work conditions;
- Solar hybrid power system management using modular multilevel converters;
- Reliability and feasibility studies and consideration of critical issues encountered in solar hybrid power systems;
- Grid integration of solar hybrid power systems;
- Solar hybrid power system trading market and energy policy;
- Energy management and control strategies;
- Maximum power point tracking techniques.

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Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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