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Energy Performance and Application Possibilities of Photovoltaic Modules

Guest Editors:

Dr. Dariusz Kurz
Institute of Electrical Engineering and Electronics, Faculty of Automatic, Robotics and Electrical Engineering, Poznan University of Technology, 60-965 Poznan, Poland

Prof. Dr. Agata Zdyb
Department of Renewable Energy Sources Engineering, Faculty of Environmental Engineering, Lublin University of Technology, Nadbystrzycka 40B, 20-618 Lublin, Poland

Dr. Andrzej Tomczewski
Institute of Electrical Engineering and Electronics, Faculty of Automatic, Robotics and Electrical Engineering, Poznan University of Technology, 60-965 Poznan, Poland

Message from the Guest Editors

The fight for the natural environment is associated with the constant search for new or improved existing systems for obtaining renewable energy sources (RESs). This involves interdisciplinary research in chemistry, physics, materials engineering, electricity, energy grids, energy system design, and energy policy. It is important to search for new material and application solutions for the already-existing elements in order to use them as effectively as possible in the process of converting solar energy into electricity.

This Special Issue covers the following topics:

- bifacial modules;
- DSSC modules;
- building-integrated photovoltaics (BIPV);
- connection of photovoltaic systems with wind turbines or energy storage in order to improve the parameters of the energy network;
- photovoltaic thermal (PV/T) systems;
- solar trackers;
- physical and chemical properties of PV cells;
- improving the connectivity of PV cells.

Deadline for manuscript submissions:
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Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

Message from the Editor-in-Chief

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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