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## Recent Advances in Solar Cells and Photovoltaics

Guest Editors:

**Dr. Jacek Kuszniér**

Faculty of Electrical Engineering,  
Białystok University of  
Technology, 15-351 Białystok,  
Poland

**Prof. Dr. Maciej Zajkowski**

Department of Electrical  
Engineering, Białystok University  
of Technology, 15-351 Białystok,  
Poland

**Prof. Dr. Paweł Węgierek**

Faculty of Electrical Engineering  
and Computer Science, Lublin  
University of Technology,  
Nadbystrzycka 38 A, 20-618  
Lublin, Poland

Deadline for manuscript  
submissions:

**closed (22 January 2025)**

### Message from the Guest Editors

The works presented in this Special Issue should concern issues related to materials for photovoltaics, photovoltaic systems, PV energy management and PV grid integration. Experts in this field are encouraged to share their latest discoveries in the form of original research papers.

### Keywords:

- solar cells;
- materials for photovoltaics;
- nanomaterials for solar cells;
- perovskite solar cells;
- organic solar cells;
- flexible photovoltaics;
- BIPV;
- photovoltaic systems;
- PV energy management;
- forecasting of PV power production;
- AI-based PV monitoring system;
- PV grid integration;
- modern power electronic converters for PV system;
- new technologies for PV systems;
- solar hybrid systems



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**Special** Issue



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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

*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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*Energies* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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