



Selected Papers from GPVC Conferences

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Deadline for manuscript
submissions:

closed (5 December 2021)

Message from the Guest Editors

At the core of the climate crisis lies excessive carbon emission from the continued use of fossil fuels. Therefore, in order to fight against the climate crisis, achieving carbon neutrality is no longer a declarative agenda, but a historic mission of this century, which calls for a drastically increased use of renewable energy sources. Photovoltaic technology, as one of the leading renewable energy technologies, has reached an annual global installation of almost 120 GW, and is in the spotlight as a new growth engine for the energy industry. Even stronger growth in the photovoltaic and related industries in the future is expected.

Topics of interest include but are not limited to the following:

- Silicon solar cells and materials
- II-VI & Chalcogenide compound based cells and materials
- Quantum, Perovskite, Organic and Dye-sensitized solar cells
- Hybrid photovoltaics
- III-V compound-based concentrator and space PV systems
- PV components, modules, systems, reliability, standardization, markets and policy





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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