



Photovoltaic Modules 2021

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Message from the Guest Editors

Dear Colleagues,

This Special Issue is dedicated to the photovoltaic (PV) modules, which are the main component of photovoltaic plants. The contributions submitted to this Special Issue should deal with the following topics, as well as other potential topics that are not mentioned here:

- Electrical mismatch of solar cell I-V curves due to imperfect sorting process, defects/failure of the solar cells, as well as partial shading.
- Potential induced degradation and light induced degradation, visual defects like snail trails due to cracks and micro-cracks, EVA delamination and reduction of insulation resistance, and shunt defects inside the solar cells.
- Techniques for fault-detection (e.g., electroluminescence).
- Recycling techniques of the materials used in the encapsulation.
- Cost-benefit analysis to evaluate the replacement of faulty PV modules.

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Message from the Editor-in-Chief

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