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Photovoltaic Modules

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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. In particular, the efficiency of the PV modules is even higher, exceeding the 20% threshold, while the cost has dramatically decreased in the last years; some years ago, this cost was 60–70 % of the total installation cost, now it is only 30–40 % of the same total cost. However, as the robustness of the cells inside the modules has been reduced together with their thickness (100–200 μm), the encapsulation process may be imperfect and, as a consequence, the presence of mechanical, electrical, and thermal defects may be increasing.

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Special Issue



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Message from the Editor-in-Chief

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