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Maximum Duration Life (MDL) Approach: A Tool to Maximize the Energy Peformance of PV Systems

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closed (30 November 2020)

Message from the Guest Editors

In PV applications, a new challenge is based on the following idea: “the maximization of the extracted power, when it is obtained at the price of too severe thermal stresses, is to be avoided”. It may be preferable to give up part of the available energy today to gain a greater amount of energy tomorrow. This Special Issue aims to address the above challenge—a challenge that may be faced through the development of algorithms, techniques, and architectures able to identify the optimized solution, allowing for the desired compromise between energy efficiency and the mitigation of thermal stresses associated with mismatching conditions. The topic is of great interest for researchers in the fields of aerospace engineering, electrical engineering, electronic engineering, environmental engineering, industrial engineering, mechanical engineering, and so on.

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Message from the Editor-in-Chief

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