



Advances in Solar-Thermal Conversion Technologies

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Message from the Guest Editor

Dear Colleagues,

The development of renewables is among the biggest challenges in order to counteract greenhouse gas emissions and their effects on the climate. Solar energy plays a key role in its direct thermal use for saving fossil fuels and CO₂ emissions. It is also important in terms of its thermodynamic use. Though its development is quite promising due to its economic viability and recent technological advancements, the future penetration of solar energy is subdued due to advancements in conversion technology. Advancements in solar thermal conversion can be focused on technology, i.e., panels, concentration, piping, materials, etc., and applications that can be in the industrial segment (process heat) or civil applications (domestic heating or DHW production).

Dr. Filippo Busato
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Message from the Editor-in-Chief

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