



Frontiers on Solar Thermal Harvesting Technology

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Message from the Guest Editors

Solar thermal energy has the potential to generate renewable energy in gigawatts and continued to lead capacity expansion. Considering this scenario, solar thermal technologies are an attractive option in a wide range of applications. However, efficient solar thermal harvesting from intermittent renewable sources, and storing it for future usage are the existing challenges. In particular, cost, high and medium temperature performance barriers must be removed to push solar thermal technology to the next level.

Deadline for manuscript
submissions:

31 December 2021

This Special Issue will pull together application of novel materials, advanced coolants, and optimized design of components to optimize solar thermal harvesting technology from the bottom up via experimental, theoretical, and computational techniques. The Special Issue assumes timely and successful rapid deployment of all recent solar thermal energy technologies. We are particularly interested in papers that are pushing further the envelope of applications and successful integration and hybridization of Solar Thermal harvesting in areas like mining, desalination, hydrogen production and nuclear power.





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Message from the Editor-in-Chief

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