Special Issue

Novel Research on Solar Photothermal Technology: Theory, Design, System and Applications

Message from the Guest Editor

Linear Fresnel Reflector (LFR) systems represent a strong opportunity for low-cost electricity/heat production. However, these systems are facing a tremendous challenge to improve their overall efficiency conversion in order to become more competitive in comparison to other solar concentration technologies. In recent years, strong innovations have been proposed in the field to solve this issue, namely, new optical solutions seeking maximum concentration, methodologies for heliostat field optimization, analytical descriptions of different LFR systems, annual efficiency conversion estimation or even cost-reduction strategies. This Special Issue invites original review articles on recent advances in LFR systems concerning the abovementioned topics, with an emphasis on new optical developments for this technology.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2022)

Optics

an Open Access Journal by MDPI

Impact Factor 1.6
CiteScore 2.6

mdpi.com/si/74216

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Optics (ISSN 2673-3269) aims at establishing *Optics* as a leading journal for publishing high impact fundamental research and applications in optics field with a fast processing time and high quality service. The journal particularly welcomes both theoretical (simulation) and experimental research within our journal's scope. We encourage scientists to publish their experimental and theoretical results in as much detail as possible. So, there is no restriction on the length or pages of the papers. The full experimental details must be provided so that the results can be reproduced. Electronic files and software regarding the full details of the calculation or experimental procedure, if unable to be published in a normal way, can be deposited as supplementary electronic material.

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