



Concentrating Solar Power Plants

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Message from the Guest Editors

Dear Colleagues,

The need for a rapid transition to a new energy model based on the use of renewable energy is undeniable. Among them, solar thermal energy can be crucial in said energy transition. In other words, important efforts in different research lines are necessary in order to improve the efficiency over the conventional concentrated solar power (CSP) plants.

This Special Issue aims to collate experimental/numerical/field scale investigations with novel materials such as heat transfer fluids, new technologies to transfer the solar energy, development CFD simulations, new experimental results inside of concentrated solar energy solutions, and review papers with state-of-the-art findings that can significantly contribute to the community. The Special Issue is open to all contributions related to CSP plants, including (but not limited to) the following:

- New technologies;
- New heat transfer fluids;
- Improvement in the thermal efficiencies in a CSP;
- State of the art in the thermal energy storage field;
- New simulations of CSP;
- Numerical models;
- Economical viability tests.



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Message from the Editor-in-Chief

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