Special Issue

Thermodynamic and Thermo-Economic Optimization in Renewable Energy Systems

Message from the Guest Editor

This Special Issue intends to collect different research works focused on theoretical or applied models for the efficient production of power from renewable sources. Advanced efficient thermal cycles are required in all cases, for heat engines, heat pumps, refrigeration processes or combinations among them. In this context, researchers are encouraged to submit works to this Special Issue related to the following topics or other close ones:

- Renewable energy technologies;
- Thermodynamic and thermoeconomic optimization
- Entropy minimization;
- Multiobjective multivariable optimization methods;
- Theoretical models for solar applications;
- Concentrated solar power;
- Novel thermodynamic cycles;
- Transcritical and supercritical cycles;
- Thermal energy storage;
- Heat pumps, refrigerators, and engines;
- Pumped heat energy storage systems;
- Materials and thermal properties.

Guest Editor

Prof. Dr. Alejandro Medina

Departamento de Física Aplicada, Universidad de Salamanca, 37008 Salamanca, Spain

Deadline for manuscript submissions

closed (31 October 2021)

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About the Journal

Message from the Editor-in-Chief

The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.
Entropy is an online open access journal providing an advanced forum for the development and/or application of entropic and information-theoretic studies in a wide variety of applications. *Entropy* is inviting innovative and insightful contributions. Please consider *Entropy* as an exceptional home for your manuscript.

Editor-in-Chief

Prof. Dr. Kevin H. Knuth
Department of Physics, University at Albany, 1400 Washington Avenue, Albany, NY 12222, USA

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