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Fluid Dynamics and Heat Exchangers

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Deadline for manuscript
submissions:

closed (20 November 2021)

Message from the Guest Editor

This Special Issue will deal with contributions leading the path to the new generation of heat exchangers with improved aerothermal performances. All applications of thermal management as well as fluids and heat exchanger types will be accepted as long as novelty in design practice, manufacturing, or validation can be shown.

Topics of interest for publication include, but are not limited to:

- Heat exchangers for aeronautics;
- Heat exchangers in additive manufacturing;
- Heat exchangers and new fluids;
- Optimization techniques for heat exchanger design;
- New structures for improved aerothermal performances;
- Computational fluid dynamics applied to heat exchangers;
- Experimental validation of novel heat exchanger designs;
- Measurement techniques for improved heat exchanger characterization;
- Ground to flight design methodologies.



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Special Issue



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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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