Special Issue

New Insights of Gas Turbine Cooling Systems

Message from the Guest Editors

The current Special Issue aims to unite innovative developments and collaborations in relation to the novel insights into gas turbine cooling systems. The potential topics include, but are not limited to, the following areas:

- Advances in GT cooling (review paper);
- New concept cooling systems in GTs;
- Thermal management in GTs;
- Innovative cooling;
- Additive manufacture-based cooling technology;
- CMC-based cooling technology;
- Novel film cooling;
- Novel internal convective cooling;
- Micro cooling;
- Double wall cooling;
- Advanced experimental techniques in GT cooling;
- Aero-thermal-mechanical analysis in cooling systems;
- Advanced analytical methods in GT cooling.

Guest Editors

Dr. Xueying Li
Institute of Gas Turbine, Department of Energy and Power Engineering, Tsinghua University, Beijing 100084, China

Prof. Dr. Jing Ren
Department of Energy and Power Engineering, Tsinghua University, Beijing 10084, China

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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