

## 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.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 April 2023)



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## About the Journal

### 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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### Editor-in-Chief

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