

## Special Issue

# Design of High-Temperature Gas Turbines

### Message from the Guest Editor

The design of high-temperature gas turbines represents a critical frontier in engineering, with wide-ranging applications across industries such as power generation, aviation, and industrial processes. As the global demand for energy continues to rise, there is a pressing need for innovative approaches to enhance the efficiency, reliability, and environmental sustainability of gas turbine technology. By fostering collaboration and knowledge exchange in these key areas, this initiative intends to drive advancements in high-temperature gas turbine designs, thereby contributing to the development of more efficient, reliable, and environmentally sustainable energy solutions for the future. This Special Issue aims to provide a platform for researchers and practitioners to explore and share the latest theoretical and engineering achievements in high-temperature gas turbine designs.

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### Guest Editor

Dr. Kang Pan

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### Deadline for manuscript submissions

closed (31 October 2024)



## Machines

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## About the Journal

### Message from the Editor-in-Chief

*Machines* is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications.

Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided.

There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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### Editor-in-Chief

Prof. Dr. Antonio J. Marques Cardoso  
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