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Improvement of Gas Turbine Cooling Technology for Carbon Neutrality

Guest Editors:

Dr. Yanqin Shangguan

College of Mechanical and Electrical Engineering, Hohai University, Changzhou 213022, China

Dr. Fei Cao

College of Mechanical and Electrical Engineering, Hohai University, Changzhou 213022, China

Deadline for manuscript submissions:

closed (31 March 2024)

Message from the Guest Editors

The Special Issue on the “Improvement of Gas Turbine Cooling Technology for Carbon Neutrality” is proposed to discuss the most recent technology to increase the cooling efficiency of gas turbines, helping to improve their energy efficiency. Research articles, review articles, as well as short communications are warmly invited. Topics include, but are not limited to, the following:

- The development of gas turbine cooling systems;
- The fundamental science of cooling technology;
- Numerical investigations on gas turbine cooling systems;
- Experimental investigations on gas turbine cooling systems;
- Thermodynamic analyses of critical and trans-critical Rankine cycle systems.

I am writing to invite you to submit your original work to this Special Issue. I am looking forward to receiving your outstanding research.



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Special Issue



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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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