

Special Issue

Fluid Dynamics and Thermodynamic Studies in Gas Turbine

Message from the Guest Editors

We are pleased to introduce this Special Issue, “Fluid Dynamics and Thermodynamic Studies in Gas Turbine”. These devices have the principal function of converting the energy stored in a fuel into mechanical work to drive machinery or to produce electricity. Gas turbine research related to improving efficiency, emission reduction, cooling blade technologies, cogeneration, and post-combustion CO₂ capture, among others, could contribute to reducing CO₂ emissions. This Special Issue aims to collect recent and original contributions on advances in fluid dynamics and thermodynamic studies in gas turbines.

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Deadline for manuscript submissions

28 February 2026



Processes

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