



Secondary Air Systems in Gas Turbines—Volume II

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submissions:

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Message from the Guest Editors

Join us for a Special Issue of *Energies* on "Secondary Air Systems in Gas Turbines"! We invite your submissions to this exciting issue focused on advancing the design and utilization of secondary air systems (SAS) in gas turbines.

Gas turbines are crucial for power and propulsion in various industries. To maximize efficiency and performance, turbine entry temperatures exceed engine component limits. This necessitates the use of bleed air for turbine cooling, facilitated by the intricate secondary air system (SAS).

Optimizing the SAS is key to competitive engine design and engine life. Inefficient bleed air usage impacts performance, while insufficient cooling affects longevity. This Special Issue aims to explore the latest advancements in SAS design.

We welcome original research papers, reviews, and case studies on topics such as:

- Novel SAS configurations and optimization techniques
- Advanced cooling methods and materials for SAS components
- Efficiency enhancement strategies for SAS utilization
- Simulation and modeling of SAS performance
- Experimental investigations on SAS design and performance
- Reliability and maintenance considerations for SAS





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Message from the Editor-in-Chief

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