Special Issue

Advances in Industrial Fan Technologies

Message from the Guest Editors

The design of industrial fans has evolved to meet the ever-increasing demands for higher-efficiency machines, combined with the requirements for lower noise and high availability. Numerical simulation techniques are important parts of the aerodynamic and acoustic design process and are increasingly coupled to optimization methods. In addition, connectivity, internet of things, and digitalization in general open new opportunities for highly efficient, low noise, and safe operation of fans in complex systems. The aim of this new Special Issue on fans and fan systems is to promote the recent advances in technology and provide insight into the development and operation of industrial fans for a wide range of applications.

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Deadline for manuscript submissions

closed (30 September 2025)

International Journal of Turbomachinery, Propulsion and Power

an Open Access Journal Published by MDPI

Impact Factor 1.8
CiteScore 2.4

mdpi.com/si/219844

International Journal of Turbomachinery, Propulsion and Power
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