

## Special Issue

# Mechanics of Advanced Aerospace Materials and Structures

### Message from the Guest Editors

The aerospace industry faces increasing demand for lightweight, high-performance, and multifunctional materials and structures to meet challenges in fuel efficiency, sustainability, and extreme operational conditions. Advances in materials science, manufacturing technologies, and computational methods are revolutionizing the design and mechanics of aerospace systems, enabling breakthroughs in structural efficiency, smart functionality, and durability. This Special Issue will showcase innovative research at the intersection of mechanics, materials, and aerospace engineering, fostering interdisciplinary solutions for next-generation applications.

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### Guest Editors

Dr. Guoqing Yuan  
Dr. Jie Zhi  
Dr. Jian Zhao

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### Deadline for manuscript submissions

31 December 2026



## Aerospace

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*Aerospace* adheres to rigorous peer-review as well as editorial processes and publishes high quality manuscripts that address both the fundamentals and applications of aeronautics and astronautics. Our goal is to enable rapid dissemination of high impact works to the scientific community.

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### Editor-in-Chief

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