

Special Issue

Aircraft Electric Power System II: Motor Drive Design and Control

Message from the Guest Editors

This Special Issue presents the latest breakthroughs in electric drive technologies for aerospace electrification. Topics include high-power-density electric machine design, novel power electronics topologies, intelligent control algorithms, and holistic system integration methodologies. The collection aims to foster innovation in low-emission, high-reliability propulsion systems and to accelerate the aviation sector's transition toward a net-zero carbon future.

- aircraft electrification
- electric propulsion systems
- electrical machine
- motor drive
- wide-bandgap semiconductors
- high-power-density machines
- fault-tolerant design
- artificial intelligence
- intelligent motor control
- drive system integration

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Message from the Editor-in-Chief

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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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