



New Insights into Aircraft Power Systems

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Deadline for manuscript
submissions:

closed (25 May 2024)

Message from the Guest Editors

Dear Colleagues,

The more/all electrical aircraft concept has fundamentally changed the architecture of onboard power system. To increase the efficiency and power density, high-performance power converters and electric machines have received increasing attention in recent years. Despite these advancements, the topology design and control of these devices still remains an open challenge to meeting the specialized demands of the aviation industry. Moreover, as various power sources and loads coexist, the coordination and energy management of onboard power system is also a crucial aspect to ensuring the overall energy conversion efficiency. This specialized issue seeks to share and spotlight recent research findings and practical applications in the field of aircraft power systems, addressing the needs of emerging applications. Authors interested in contributing to this endeavor are welcome to submit their original contributions, survey papers, or tutorials with the potential for publication.

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Guest Editors





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Message from the Editor-in-Chief

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