

Special Issue

Electric Propulsion

Message from the Guest Editor

Electric propulsion (EP) has led to a revolution in space mission capabilities, including unprecedented specific impulse, mission deltaV, thrust precision, and spacecraft control authority. These advancements are the result of significant experimental and modeling efforts, as well as technology demonstration missions. The space community is at an important stage with the development of new and exciting concepts for deep space and Earth-orbiting missions, including missions to the Moon, Mars, asteroids, and beyond; unprecedented space-based observatories; large satellites; small/nano satellites; satellite formations; and many other space missions—most of which can benefit from EP. This Special Issue on electric propulsion aims to discuss where we are, how we got here, and where we are headed with regard to current and emerging EP technology, experiments, modeling, theory, related science, and mission capabilities. Submissions are encouraged from all researchers engaged in EP who would like to be a part of this conversation.

Guest Editor

Prof. Dr. Richard E. Wirz

Department of Mechanical and Aerospace Engineering, UCLA, Los Angeles, CA, USA

Deadline for manuscript submissions

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Aerospace
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
aerospace@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Konstantinos Kontis
School of Engineering, University of Glasgow, James Watt Building
South, University Avenue, Glasgow G12 8QQ, Scotland, UK

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