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Electric Propulsion

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submissions:

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Message from the Guest Editor

Dear Colleagues,

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.



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Special Issue



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Message from the Editor-in-Chief

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Rapid Publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the first half of 2020).

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