



Space Navigation and Control Technologies

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Deadline for manuscript
submissions:

31 May 2024

Message from the Guest Editors

Dear Colleagues,

Space exploration is an important direction for human spaceflight activities in the new era, and it represents an inevitable means for human beings to explore the unknown universe. Navigation technology realizes the localization of moving objects by measuring position parameters. Control technology is at the core of a spacecraft's ability to independently perform complex tasks in a space environment. Space navigation and control technology play a crucial role, which is conducive to promoting the sustainable development of space technology and enhancing the ability of human beings to enter space. With the development of deep space navigation technology, requirements for precise, real-time, and visible navigation and control are becoming more intense.

This Special Issue of *Aerospace* will introduce the latest developments in the field of deep space navigation and control technology and will provide a platform for researchers and practitioners to discuss cutting-edge technologies and key challenges in the field of space navigation and control technologies.





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Message from the Editor-in-Chief

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