

# Special Issue

## Space Trajectory Planning

### Message from the Guest Editors

Space trajectory planning has a clear application background and distinctive interdisciplinary characteristics. It plays an important role in giving the desired path to the controller, in order to achieve good performance. Additionally, nowadays, space tasks tend to be more complicated with higher requirements. Specifically, with multiple constraints and objectives, trajectory planning is quite challenging. This feature topic solicits papers focusing on the role space trajectory planning will play in advancing human exploration in the near-earth region as well as deep space, endeavouring to identify critical issues and provide feasible solutions in this field. Areas of interest include, but are not limited to, the following:

- spacecraft trajectory planning
- space trajectory optimization
- orbit dynamics and control
- dynamic trajectory planning
- multi-objective optimization
- space manipulator trajectory planning

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### Guest Editors

Prof. Dr. Jingrui Zhang

School of Aerospace Engineering, Beijing Institute of Technology, Beijing 100081, China

Dr. Keying Yang

School of Aerospace Engineering, Beijing Institute of Technology, Beijing 100081, China

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### Deadline for manuscript submissions

closed (31 December 2023)



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*Aerospace*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[aerospace@mdpi.com](mailto:aerospace@mdpi.com)

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### Editor-in-Chief

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

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