

Special Issue

Constellation Satellite Design and Application

Message from the Guest Editors

Satellite technology is becoming increasingly pervasive in all aspects of our lives, which cannot be separated from the design, maintenance, and application of satellite constellations. With the increasing number of proposed civil constellations, the design and application of satellite constellations with different functions have become a research hotspot. Therefore, the main aim of this Special Issue is to seek high-quality submissions that highlight satellite constellation designs and intelligent applications and that propose original contributions to solve their associated key challenges. Research areas may include (but are not limited to) the following:

- Constellation design;
- Satellite technology;
- Satellite navigation;
- Constellation application;
- Design and operation of constellations and swarms;
- Design and analysis of space systems;
- Reconfiguring method of satellite constellations;
- Simulation and evaluation of mega-constellations;
- Satellite remote sensing;
- Satellite mission planning.

Guest Editors

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Deadline for manuscript submissions

closed (15 November 2025)



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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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