

Special Issue

Satellite–Terrestrial Integrated Internet of Things

Message from the Guest Editors

This Special Issue solicits original research and practical contributions which advance related technology for satellite–terrestrial integrated IoT, regarding its architecture, technologies and applications. Surveys and state-of-the-art tutorials are also welcome.

- Framework, algorithms and protocol design for satellite–terrestrial integrated IoT;
- Cognitive radio for satellite–terrestrial integrated IoT;
- Innovative architecture, infrastructure, techniques and testbeds for satellite–terrestrial integrated IoT;
- Privacy-preserving data aggregation and communications for satellite–terrestrial integrated IoT;
- Security-protecting data transmission for satellite–terrestrial integrated IoT;
- Dynamic spectrum access for satellite–terrestrial integrated IoT;
- Low power cost and energy-efficient resource management for satellite–terrestrial integrated IoT;
- Interference suppression for massive IoT terminals' accessing;
- Low-latency and high-reliability communication for satellite–terrestrial integrated IoT;
- Hardware design and prototyping for satellite–terrestrial integrated IoT;
- On-satellite big data processing.

Guest Editors

Prof. Dr. Min Jia

Prof. Dr. Zhenyu Na

Dr. Xin Liu

Dr. Lexi Xu

Deadline for manuscript submissions

closed (15 June 2024)



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About the Journal

Message from the Editor-in-Chief

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 guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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