

Special Issue

Satellite Based IoT Networks for Emerging Applications

Message from the Guest Editors

We invite you to submit high-quality papers to the Special Issue entitled “Satellite Based IoT Networks for Emerging Applications”. The following is a (non-exhaustive) list of topics of interests:

- Key Technologies in Satellite-Based IoT Networks
- Integration of Satellite and Terrestrial Networks, e.g., 4G and 5G;
- Network Virtualization and Orchestration;
- Network Slicing and Optimization;
- Satellite/Terrestrial Network Resource Allocation;
- Satellite Tracking, Telemetry, and Command Systems;
- Multi-path Routing and Scheduling in IoT Networks;
- Queueing-Theory-based IoT Network Modeling;
- Artificial-Intelligence-driven Network Management and Reconfiguration.
- Applications of Satellite Based IoT Networks for Emerging Applications
- Communication Infrastructure for Smart Grids, Smart Mines, Smart Ports, and Other Vertical Domains;
- IoT Traffic Data Analysis, Classification, and Prediction;
- IoT Network Security Techniques;
- Network Simulation Frameworks and Tools.

Guest Editors

Dr. Weiwei Jiang
Dr. Yafeng Zhan
Prof. Dr. Zhiyong Feng

Deadline for manuscript submissions

closed (31 August 2023)



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About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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