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Satellite Based IoT Networks for Emerging Applications

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Deadline for manuscript submissions:
closed (31 August 2023)

Message from the Guest Editors

Dear Colleagues,

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:

1. 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.
2. 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



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Special Issue



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Message from the Editor-in-Chief

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