



Channel Measurement, Modeling and Simulation of 6G

Guest Editors:

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Message from the Guest Editors

This Special Issue aims to facilitate the standardization and advancement of the 6G channel model via focusing on channel measurement, modeling, and simulation. The original research articles and reviews are welcome, and research areas may include (but are not limited to) the following:

- Channel measurements and modeling in new mid-band (above 6 GHz), millimeter wave, terahertz, and visible light bands;
- Channel measurements and modeling for new technologies, e.g., Ultra-Massive Multiple Input Multiple Output (UM-MIMO), Reconfigurable Intelligent Surface (RIS), Holographic MIMO, Integrated Sensing and Communication (ISAC), Orbital Angular Momentum (OAM), and so on;
- Channel measurements and modeling in space-air-ground-sea-integrated scenarios, Industrial Internet of Things (IIoT) scenarios, high-speed railway scenarios, and so on;
- Channel model simulation and performance evaluation;
- The standardization of channel model;
- Intelligent channel modeling and channel prediction;
- Channel sounding technologies;
- The perception and reconstruction of communication environment;
- Channel model simulation and reconstruction for B5G/6G OTA testing.

Deadline for manuscript
submissions:

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Message from the Editor-in-Chief

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