Special Issue

Multiuser mmWave MIMO Communications

Message from the Guest Editors

This Special Issue invites researchers to present new ideas to address the challenges of multiuser mmWave MIMO communications and seeks to compile together original research and review articles on recent advances in the field. Potential topics include, but are not limited to:

- Efficient precoding schemes for multiuser mmWave MIMO;
- System-level performance analysis and optimization;
- Energy efficiency optimization for multiuser mmWave MIMO;
- Beam-tracking algorithms for mmWave MU-MIMO in V2X;
- Interference management for mmWave MU-MIMO in UDNs;
- Intelligent radio resource allocation for mmWave MU-MIMO;
- Measurement studies and deployment use cases for mmWave MU-MIMO;
- Channel modeling and estimation for mmWave MU-MIMO
- Interplay of mmWave MU-MIMO with RIS/IRS and NOMA.

Guest Editors

Dr. Sherif Adeshina Busari

Prof. Dr. Jonathan Rodriguez

Prof. Dr. Charalampos Tsimenidis

Deadline for manuscript submissions

closed (20 June 2024)

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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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