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New Challenges in 5G Networks Design

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Deadline for manuscript submissions:

closed (15 July 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue will present new challenges with respect to the theoretical foundations and practical implementation of 5G communication networks and their evolution. Prospective authors are cordially invited to submit their manuscripts on topics including, but not limited to:

- Challenges in cross-layer design with high data rates and massive, secure, or high mobility URLLC for 5G networks;
- Challenges in designing the next generation of access technologies;
- Performance analysis and evaluation of 5G networks;
- Challenges in new network architectures for URLLC services;
- Performance optimization for topological enhancements;
- Low-complexity phase shift design for reconfigurable intelligent surfaces (RIS) in 5G networks;
- Challenges in integrated sensing and communication for 5G networks;
- Challenges in real-world deployments, experiments, prototypes, and testbeds for 5G;
- AI/ML for 5G networks.

You are welcome to contribute!!!









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Editor-in-Chief

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Message from the Editor-in-Chief

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