



Radio Access Network Planning and Management

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Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editors

This Special Issue aims at collecting contributions concerning 5G and beyond RAN planning and management. Potential authors are invited to submit manuscripts on topics including but are not limited to the following:

- ML and big data for RAN management;
- Self-organizing networks evolution;
- AI/ML-driven coverage, capacity, frequency planning;
- Data-driven fault detection, diagnosis and prediction;
- Deep and reinforcement learning for RAN planning;
- AI/ML-driven C-RAN management;
- Softwarized, virtualized RAN management;
- Capacity planning for mobile edge computing;
- Open-source RAN planning and optimization tools;
- Planning and management of non-public networks;
- Small Cells and Indoor network planning;
- Access backhaul integration and planning;
- Ultra-dense networks planning;
- RAN slicing design and optimization;
- Advanced spectrum planning and management;
- RAN management using geo-localized data;
- Innovative architectures for intelligent RAN;
- Multi-tenant, multi-vendor, multi-RAT management;
- Intent, policy-based RAN management;
- E2E performance evaluation for RAN management;
- Economic aspects of RAN planning and operations.





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Editor-in-Chief

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Message from the Editor-in-Chief

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