



Network Slicing

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Deadline for manuscript
submissions:

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Message from the Guest Editors

Network slicing, as the most significant enabling technology of the 5G era, allows multiple logical networks (network slices) to share the same telecommunication network infrastructure. It brings to 5G networks enhancements in flexibility, resource efficiency, and security; and thereby identifies 5G with a capability of specialization with respect to highly heterogeneous service types.

We solicit original papers in areas including but not limited to:

- Architectural design of network slicing for industrial verticals;
- End-to-end network slicing;
- Energy efficiency of sliced networks;
- Machine learning and artificial intelligence for network slicing;
- Network slicing framework for the integration of terrestrial and non-terrestrial networks;
- Network slicing with heterogeneous radio access technologies;
- New business models in network slicing;
- Privacy and security in network slicing;
- Resource provisioning, orchestration, and management for network slicing;
- Service-level agreement design for sliced networks;
- Sliced network operation and management;
- Technologies of software-defined networks and network function virtualization.

