



Key Technologies of 6G On-Demand Services

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Message from the Guest Editors

Dear Colleagues,

The sixth-generation (6G) wireless communication system is user-centric and built upon the deep integration of intelligent applications and networks, forming an integrated network that spans across space, air, ground, and sea. Currently, the full openness, heterogeneity, and virtualization features of 6G networks result in numerous potential unknown service requirements and conflicting, extreme performances.

This Special Issue aims to present state-of-the-art papers in the domain of on-demand services in 6G networks. We invite researchers to contribute with innovative and original research papers or insightful review papers. Topics include, but are not limited to, the following areas:

- Theoretical and identification research to establish a standardized description of 6G across all scenarios
- Architecture for intelligent 6G network control across all scenarios
- Analysis of personalized user demands in 6G networks
- Service and demand-oriented 6G intelligent network resource allocation techniques
- Techniques for 6G network dynamic reconstruction and intelligent scheduling
- Research on 6G network control theories and intelligent hierarchical systems

Special Issue



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Message from the Editor-in-Chief

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