

Special Issue

Wireless Edge Computing: Enabling Technologies for the Next Generation of Cloud Computing

Message from the Guest Editors

This Special Issue seeks contributions reporting on recent advancements concerning wireless network technologies, mobile edge computing, knowledge extraction from the network, and unattended aerial vehicle (UAV) networks. This includes novel technologies to deploy wireless access networks to edge computing applications and discussion about the deployment of novel applications and frameworks. Moreover, the Special Issue also considers knowledge-based applications to deploy and manage next-generation wireless networks and cloud computing environments. Topics of interest include but are not limited to:

- Trends and challenges for wireless networks and edge computing;
- Wireless networks for cloud and edge computing;
- Data analysis in cloud and edge computing;
- Resource management and task scheduling of cloud and edge computing;
- Data allocation optimization in cloud and edge computing;
- Channel-aware computation offloading for wireless edge computing;
- Edge computing for content-centric wireless networking;
- Edge computing for mobility management in wireless networks;
- Security and privacy-preserving techniques for cloud and edge computing

Guest Editors

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