

Special Issue

Edge Computing for 5G and Internet of Things

Message from the Guest Editor

The integration of edge computing with 5G technology and the Internet of Things (IoT) has revolutionized the way we process, analyze, and utilize data. This dynamic combination addresses the limitations of traditional cloud-centric approaches by bringing the computation closer to the data source, resulting in enhanced speed, reduced latency, and improved efficiency. However, challenges remain. Designing and managing edge computing systems require addressing issues like resource constraints, reliability, and compatibility. Furthermore, ensuring data privacy and security in distributed environments is of paramount importance. This Special Issue strives to be a platform for publishing innovative techniques, which are essential to address technical, regulatory, and ethical considerations to fully harness the transformative power of edge computing for 5G and IoT. Keywords

- edge computing
- Internet of Things
- 5G
- edge intelligence
- resource scheduling
- reliability
- latency-sensitive applications

Guest Editor

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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