Special Issue

Edge Computing for Beyond 5G and Wireless Sensor Networks

Message from the Guest Editor

The emergence of beyond 5G (B5G) technologies and the proliferation of wireless sensor networks have created unprecedented opportunities and challenges in data processing, network management, and service delivery. Edge computing has emerged as a pivotal paradigm in addressing these challenges by bringing computation, storage, and intelligence closer to where data is generated. This Special Issue aims to explore cutting-edge research on edge computing frameworks, architectures, and algorithms that enable efficient sensing, processing, and communication in B5G and wireless sensor networks. We welcome contributions that investigate AI-empowered edge solutions, novel resource orchestration techniques, security mechanisms, and integrated approaches combining communication, sensing, computation, and caching. Of particular interest are works that enhance reliability, resilience, and privacy while optimizing performance in resource-constrained environments. This collection will serve as a comprehensive reference for researchers and practitioners seeking innovative edge computing solutions for next-generation wireless networks.

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Deadline for manuscript submissions

30 November 2025

Sensors

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Message from the Editor-in-Chief

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