# Special Issue

# Intelligent Integration of Sensing-Communication-Computing Continuum for Next-Generation Wireless Networks

## Message from the Guest Editors

With the rapid advancement of information and communication technologies, a wave of innovative applications has emerged, leading to exponential data growth and placing significant strain on network bandwidth, energy efficiency, and response latency. In this context, edge computing has garnered substantial attention as a transformative paradigm that extends the capabilities of cloud computing to the network edge.This Special Issue aims to provide a collaborative platform for academic researchers and industry practitioners to share cutting-edge research on the integration of sensing, communication, and computing for next-generation wireless networks. Topics of interest include, but are not limited to:

- Architecture design for integrated sensing-communication-computing systems;
- Resource management and optimization techniques;
- Real-time data acquisition and intelligent processing;
- Novel communication technologies for efficient resource collaboration;
- Distributed intelligence for edge-cloud resource orchestration;
- Security and privacy issues in collaborative environments;
- Implementation, testbed development, and deployment of collaborative systems.

## Guest Editors

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## Deadline for manuscript submissions

31 August 2026

**Big Data and Cognitive Computing**

an Open Access Journal by MDPI

Impact Factor 4.4
CiteScore 9.8

mdpi.com/si/249111

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# About the Journal

## Message from the Editor-in-Chief

*Big Data and Cognitive Computing (BDCC)* is a scholarly online journal which provides a platform for big data theories with emerging technologies on smart clouds and exploring supercomputers with new cognitive applications. It is a peer-reviewed, open access journal that publishes high quality original articles, reviews and short communications. The primary aims of this journal are to encourage contributions of high quality scientific papers relating to data management and analytics in industry, such as manufacturing, healthcare, education, media and business, data mining, and cognitive science. There is no restriction on the maximum length of the papers.

## Editor-in-Chief

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