

Special Issue

Application of Cloud Computing in Industrial Internet of Things

Message from the Guest Editors

Dear Colleagues: This Special Issue invites academics, professionals, and business experts to exchange knowledge in this rapidly growing field. It comprehensively covers the most recent developments in the closely linked topics of Industrial Internet of Things and cloud computing. Researchers are encouraged to contribute their unpublished original findings on the following topics, although they are not limited to them:

- Cloud-based big data analytics and machine learning in IIoT;
- Cloud service models for IIoT device management;
- Digital twins using the cloud for IIoT;
- Security and privacy of cloud-based IIoT;
- Energy-efficient cloud computing in IIoT;
- Impact of 5G/6G on cloud-integrated IIoT;
- Blockchain as a cloud service for IIoT;
- Edge computing in IIoT;
- Cloud-driven supply chain optimisation in IIoT;
- Optimisation of algorithms for cloud-based IIoT systems;
- Cloud-enhanced smart manufacturing and robotics.

We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (15 January 2026)



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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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