

## Special Issue

# Industrial Internet of Things (IIoT): Trends and Technologies –2nd Edition

### Message from the Guest Editors

In this Special Issue, we welcome submissions focusing on the dynamic landscape of the Industrial Internet of Things (IIoT) and its evolving trends and technologies. We encourage researchers, academicians, and industry practitioners to contribute their significant insights and research findings to this Special Issue, fostering the dissemination of knowledge and advancements in the realm of the Industrial Internet of Things (IIoT). This Special Issue seeks to explore various facets of IIoT, including, but not limited to, the following:

- IIoT applications in manufacturing, healthcare, energy, transportation, agriculture, and other industries;
- Edge computing and IIoT;
- Security and privacy challenges in IIoT;
- AI and machine learning in IIoT systems;
- Big data analytics for IIoT;
- Connectivity protocols and standards for IIoT: URLLC, TSN, OPC UA, etc.;
- Sensor technologies and their role in IIoT;
- Industry 4.0 and the convergence of IIoT with other technologies;
- Case studies and real-world implementations of IIoT solutions.

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### Guest Editors

Dr. Zhihao Liu

Prof. Dr. Franco Davoli

Dr. Davide Borsatti

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### Deadline for manuscript submissions

31 October 2025



## Future Internet

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## About the Journal

### Message from the Editor-in-Chief

*Future Internet* is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

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### Editor-in-Chief

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