

## Special Issue

# Joint Design and Integration in Smart IoT Systems, 2nd Edition

### Message from the Guest Editors

The use of Internet of Things (IoT) technology spans various application domains (e.g., transportation, energy, healthcare, manufacturing, and agriculture). A smart system empowered by IoT technology (also called a smart IoT system) integrates sensing, communication, and computation components into one system.

We invite original research papers that focus on, but are not limited to, the following topics related to smart systems:

- Integration design architecture and frameworks;
- Co-design of sensing and communication components;
- Co-design of communication and computing components;
- Co-design of sensing and computing components;
- Co-design of sensing, communication, and computing components;
- AI-assisted co-design of sensing, communication, and computing components;
- Modeling and simulation environments for evaluating co-design methodologies;
- Security and privacy in the co-design and integration of smart systems;
- Data science, engineering, and practice in the co-design and integration of smart systems;
- Machine learning models and architectures in the co-design and integration of smart systems.

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### Guest Editors

Prof. Dr. Wei Yu

Department of Computer & Information Sciences, Towson University,  
Towson 21252, MD, USA

Dr. Guobin Xu

Department of Computer Science, Morgan State University, Baltimore,  
MD 21251, USA

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### Deadline for manuscript submissions

28 February 2026



## Future Internet

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*Future Internet*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[futureinternet@mdpi.com](mailto:futureinternet@mdpi.com)

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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

Prof. Dr. Gianluigi Ferrari  
Department of Engineering and Architecture, University of Parma,  
Parco Area delle Scienze, 181/A, 43124 Parma, Italy

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