Special Issue

Algorithms and Models for Next-Generation Vision Systems

Message from the Guest Editors

The topics of interest include, but are not limited to, the following:

- Vision transformer and attention-based models;
- Lightweight and efficient vision models for edge deployment;
- Multi-modal learning and sensor fusion in visual systems;
- Adaptive vision systems in dynamic or uncertain environments;
- Real-time object detection, tracking, and scene understanding;
- Self-supervised and few-shot learning in vision tasks;
- Interpretability, explainability, and trust in vision models;
- Vision system applications in autonomous driving, robotics, healthcare, and manufacturing.

Guest Editors

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Dr. Jian Pan

Dr. Fo Hu

Dr. Yanzheng Lu

Dr. Naishi Feng

Dr. Bin Zhou

Deadline for manuscript submissions

20 April 2026

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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