

Special Issue

Task Offloading and Resource Allocation for IoT in Next-Generation Networking

Message from the Guest Editors

This Special Issue seeks contributions that explore the interplay between task offloading, resource allocation, and next-generation networking technologies. It will feature, but is not limited to, the following areas:

- Task offloading in 6G networks: enabling real-time and high throughput IoT applications.
- Energy-efficient resource allocation for IoT in next-generation networks.
- Ultra-low latency and high device connectivity in 6G for task offloading.
- Dynamic resource management in distributed IoT systems.
- Leveraging edge AI for task offloading in 6G and beyond.
- SDN-enabled IoT architectures for optimized task offloading.
- NFV-driven flexible resource allocation for scalable IoT services.
- Network slicing in 6G: tailored resource allocation for IoT applications.
- Task offloading in IoV: enhancing V2X and autonomous driving with 6G.
- Collaborative edge computing and task offloading in IoV.
- Green networking: sustainable resource allocation in next-generation IoT.

Guest Editors

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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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