Integrated Sensing, Communication, and Computing Networks for IoT Applications

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Message from the Guest Editors

In recent years, the number of new IoT applications has been multiplying unprecedentedly, such as digital twins, extended reality, and autonomous systems. This prompts a novel design paradigm of integrated sensing, communication, and computing networks which can provide data generation, exchanging and processing data in a comprehensive manner by jointly managing sensing, communication, and computing resources. However, there are still many challenges with such an integrated network, including a proper integrated sensing, communication, and computing protocol, the trade-off among different dimensional metrics, and the deployment of servers, sensors, and IoT devices. Therefore, this Special Issue aims to seek high-quality papers from academics and industry-related researchers of ubiquitous IoT, integrated sensing, communication, and computing resource management, who conduct research on the development of resource management and networking technologies for IoT systems and applications and present the most recently advanced methods and applications.

Special Issue

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Message from the Editor-in-Chief

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