

Special Issue

Integrated Sensing, Communication, and Computing Networks for IoT Applications

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.

Guest Editors

Dr. Xiaojie Wang

School of Communications and Information Engineering, Chongqing University of Posts and Telecommunications, Chongqing 400065, China

Dr. Lu Sun

Department of Communication Engineering, Institute of Information Science Technology, Dalian Maritime University, Dalian 116026, China

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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