Special Issue

Remote Sensing-Based Intelligent Communication

Message from the Guest Editors

Remote sensing-based intelligent communication can be studied to meet the differentiated requirements of these delay-sensitive and computing-intensive services. Specifically, based on the remote sensing network information, a system can make intelligent decisions to boost data distribution. Meanwhile, the adoption of mobile edge computing can process data at the edge of the remote sensing system, reducing cross-network traffic and transmission delay. Therefore, network performance and resource utilization can be significantly improved by sensing-based intelligent communication. However, realizing sensing-based intelligent communication in practical communication scenarios is challenging, and there are still many important open research problems. This Special Issue seeks to explore sensing-based intelligent communication and invites novel contributions from researchers and practitioners.

Guest Editors

Dr. Chao Fang

Faculty of Information Technology, Beijing University of Technology, Beijing 100124, China

Dr. Mianxiong Dong

Department of Sciences and Informatics, Muroran Institute of Technology, 27-1 Mizumoto-cho, Muroran 050-8585, Hokkaido, Japan

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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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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