Special Issue

Resource Allocation for Cooperative Communications

Message from the Guest Editor

Cooperative communication technology has become a research hotspot in wireless sensor networks in recent years. The concept of cooperative communication has evolved from the original cooperative diversity to the broad collaboration category, including device cooperative transmission and reception, base station cooperation, UAV cooperation, network cooperation and other forms of cooperation. It improves communication capability and efficiency through cooperation among multiple communication entities, and completes communication tasks together. Suggested areas include, but are not limited to, the following subject categories:

- Resource allocation and management in cooperative communication.
- Cooperative technology in cognitive radio.
- Research on cellular cooperation and related technologies.
- Research on cell-free cooperation and related technologies.
- Research on UAV cooperation and related technologies.
- Interference cancellation and multiuser detection in cooperative networks.
- D2D cooperative communication.
- Communication security in cooperative communication.
- Architecture and strategy design for cooperative system.

Guest Editor

Dr. Gang Xie
School of Information and Communication Engineering, Beijing University of Posts and Telecommunications, Beijing 100876, China

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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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