Special Issue

Cognitive Radio Wireless Sensor Networks: From Radio to Applications

Message from the Guest Editor

Cognitive radio wireless sensor networks have been envisioned as one of the future wireless networking technologies to support seamless networking service and to improve spectrum utilization. They yield a large number of research and development challenges. For example, spectrum sensing and management are inherent to the properties of cognitive radio, and reliability and energy conservation are due to the characteristics of wireless sensor networks. This Special Issue covers a vast range of topics ranging from low-level physical radio to practical user applications in cognitive radio wireless sensor networks. Not only original research articles but also innovative reviews related to hot issues are welcome.

- Algorithms
- Network protocols
- Test platforms
- Embedded software
- Modeling and performance study
- Field applications
- Interdisciplinary design

Guest Editor

Prof. Dr. Sangman Moh

Department of Computer Engineering, Chosun University, 309 Pilmun-daero, Dong-gu, Gwangju 61452, Republic of Korea

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

mdpi.com/journal/sensors

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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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