Cognitive Radio Wireless Sensor Networks: From Radio to Applications

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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

Special Issue

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Message from the Editor-in-Chief

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