

## Special Issue

# Cognitive Radio Applications in Wireless Communication System

### Message from the Guest Editors

Cognitive radio (CR) is an advanced technology that can change its transmitter parameters by interacting with its operating environment. The idea of CR has been applied in many fields of wireless communication. This Special Issue focuses on the applications of CR in wireless systems. The purpose is to report the latest achievements and progress in related theories and technologies, but not limited to:

- Dynamic spectrum sensing in CR;
- Resource scheduling in CR;
- Ad Hoc network based on CR;
- Security of CR networks;
- Application of artificial intelligence technology in CR system design;
- CR-based IoT systems;
- Spectrum sensing in CR;
- Application of CR in 5G networks.

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### Guest Editors

Prof. Dr. Ke Xiong

Dr. Bo Gao

Dr. Huacheng Zeng

Prof. Dr. Qiang Ni

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### Deadline for manuscript submissions

closed (15 October 2021)



## Electronics

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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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