

## Special Issue

# Smart Communications for Cognitive Radio

### Message from the Guest Editors

This Special Issue will gather and disseminate cutting-edge research contributions to advance the development of smart communications for CR and CRN, including the design and analysis of efficient algorithms for CR and CRN. The topics of interest of this Special Issue include but are not limited to the following:

- Smart dynamic spectrum access, management, and usage;
- Cognitive learning for distributed multiuser communications environments;
- Smart co-existence and resource sharing for CRN;
- Reconfigurability for adaptation and learning of CR;
- Cognitive interference management techniques;
- Learning for channel estimation in CR;
- Smart localization algorithms in the context of CRN;
- CRN for cooperative and non-cooperative environments;
- Adaptive and distributed attack mitigation and detection in CRN;
- Connectivity analysis and evaluation of CRN infrastructure;
- Interoperability of CR and CRN with IoT, 5G, B5G.

### Guest Editors

Prof. Dr. Mort Naraghi-Pour

Division of Electrical & Computer Engineering, School of Electrical Engineering & Computer Science, Louisiana State University, Baton Rouge, LA 70803-5901, USA

Dr. Cesar Vargas-Rosales

School of Engineering and Sciences, Tecnológico de Monterrey, Monterrey, Mexico

### Deadline for manuscript submissions

closed (15 January 2022)



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*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls-ci@mdpi.com](mailto:appls-ci@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

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