



New Advances in Cognitive Radio Networks

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 January 2024)

Message from the Guest Editor

Dear Colleagues,

Wireless networks face challenges in the efficient utilization of spectrum technology due to the paucity of resources and fixed-spectrum allocations. The cognitive radio paradigm can bring efficiency, better utilization of bandwidth, and appropriate management of limited resources. Researchers from across the industry are exploring many avenues to make efficient use of cognitive radio networks.

We invite researchers to submit original research articles that address recent trends in cognitive radio networks. The potential topics include, but are not limited to:

Machine learning and artificial intelligence, spectrum sensing, spectrum sharing, dynamic spectrum access, game theory, security and privacy, 5G and beyond, Internet of Things, multi-radio multi-channel, energy efficiency, edge computing, unmanned aerial vehicles, cloud computing, smart grid, radio environment mapping, public safety, and a variety of other relevant topics.





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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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