future internet

IMPACT FACTOR 2.8

CITESCORE 7.1

an Open Access Journal by MDPI

Cognitive IoT Networking Techniques for Smart and Autonomous Systems

Guest Editor:

Prof. Dr. Jamil Yusuf Khan
School of Electrical Engineering and Computing, The University of Newcastle, Callaghan, NSW 2308, Australia

Deadline for manuscript submissions:
closed (30 March 2019)

Message from the Guest Editor

The cognitive radio idea was developed by Joe Mitola in early 2000, where the concept of cognition in network nodes was introduced. The cognitive radio concept lead to the development of cognitive networking techniques, where the cognition process is introduced in different entities and protocol stacks to improve the efficiency of network resource allocation techniques. The cognitive networking architecture is considered as one of the main enabling technique for the dynamic spectrum allocation algorithms in shared networked environments. The cognition processes in advanced networking systems have evolved gradually enabling the intelligent entities within the network to extract various operating information through learning processes to appropriately adapt the network to its operating environment. This Special Issue is inviting researchers to submit their original research contributions for peer review and future publication. We are soliciting research contributions in the following and related areas.

future internet

IMPACT FACTOR 2.8

CITESCORE 7.1

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Gianluigi Ferrari
Department of Engineering and Architecture, University of Parma, Parco Area delle Scienze, 181/A, 43124 Parma, Italy

Message from the Editor-in-Chief

Future Internet is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, ESCI (Web of Science), Ei Compendex, dblp, Inspec, and other databases.
Journal Rank: JCR - Q2 (*Computer Science, Information Systems*) / CiteScore - Q1 (Computer Networks and Communications)

Contact Us

Future Internet Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/futureinternet
futureinternet@mdpi.com
𝕏@FutureInternet6