

Special Issue

Special Issue on Cyber Physical Systems: Prospects, Challenges, and Role in Software Defined Networking and Blockchain

Message from the Guest Editors

In recent years, cyber-physical systems (CPS) have gained a lot of attention from academia, industry, and government agencies, as CPS is considered to be following the third wave of world information technology after the computer and the Internet. Software-defined networking (SDN) is an emerging technology that can be integrated with CPS to provide scalable, reliable, secure, and efficient communication in a heterogeneous infrastructure. The increasing importance of blockchain technology has clearly emerged, as it offers security solutions in various domains including CPS. Goals of CPS, its challenges, and the role of SDN and blockchain in CPS need to be identified. The Special Issue invites submission on blockchain-based security solutions of critical infrastructures, secure and resilient system architectures, protocols and applications for software-defined CPS environment, and SDN capabilities in critical infrastructures, as well as key challenges facing the software-defined CPS of the future.

Guest Editors

Dr. Uttam Ghosh

Dr. Deepak Tosh

Dr. Nawab Muhammad Faseeh Qureshi

Dr. Ali Kashif Bashir

Prof. Dr. Al-Sakib Khan Pathan

Dr. Zhaolong Ning

Deadline for manuscript submissions

closed (20 December 2020)



Future Internet

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 8.3



mdpi.com/si/28206

Future Internet
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
futureinternet@mdpi.com

[mdpi.com/journal/
futureinternet](https://mdpi.com/journal/futureinternet)





Future Internet

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 8.3



[mdpi.com/journal/
futureinternet](https://mdpi.com/journal/futureinternet)



About the Journal

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.

Editor-in-Chief

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

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)