# Cognitive Software Defined Networking and Network Function Virtualization and Applications

Guest Editors:

**Dr. Sachin Sharma**
School of Electrical and Electronic Engineering, Technological University Dublin, D07 EWV4 Dublin, Ireland

**Dr. Avishek Nag**
School of Electrical and Electronic Engineering, University College Dublin, D04 V1W8 Dublin, Ireland

Deadline for manuscript submissions:
**closed (20 September 2021)**

## Message from the Guest Editors

A major development in computer networking is the emergence of Software Defined Networking (SDN) and Network Function Virtualization (NFV). The goal of SDN is to provide a centralized, programmable control plane that is decoupled from the data plane of network devices, while the goal of NFV is to virtualize network functions (such as network address translation, firewall, and intrusion detection) that are now being implemented by proprietary, dedicated hardware.

- Software Defined Networking (SDN)
- Network Function Virtualization (NFV)
- Artificial Intelligence and Machine Learning
- 5G
- Internet of Things
- Cloud Computing

Special Issue

## 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