

Special Issue

Software Defined Networking for IoT

Message from the Guest Editors

We are inviting contributions in the following areas, as well as others that are related to software-defined communications (e.g., Software Defined Radios):

- IoT applications using Software Defined Network control and management
- Architectures for Software Defined IoT networks
- South-bound protocols for network control and state collection
- SDN controllers for IoT networks
- In-band collection of network state
- Centralised algorithms for network control and optimisation
- Virtualisation and slicing of IoT networks to implement multi-tenancy: resource management algorithms and network multiplexing techniques
- Low-cost Software Defined Radios for IoT devices.
- SD-WAN for IoT deployment

Guest Editors

Dr. Victor Cionca

Computer Science Department, Munster Technological University, T12
P928 Cork, Ireland

Dr. Saqib Rasool Chaudhry

Computer Science Department, Munster Technological University, T12
P928 Cork, Ireland

Deadline for manuscript submissions

closed (15 November 2022)



IoT

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 8.7



mdpi.com/si/104338

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

mdpi.com/journal/

[IoT](#)





IoT

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 8.7



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



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Amiya Nayak
School of Electrical Engineering & Computer Science, University of
Ottawa, 800 King Edward Avenue, Ottawa, ON K1N 6N5, Canada

Author Benefits

High Visibility:

indexed within ESCI (Web of Science), Scopus, EBSCO,
and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 25.7 days after
submission; acceptance to publication is undertaken in 3.9
days (median values for papers published in this journal in
the first half of 2025).

Journal Rank:

JCR - Q2 (Telecommunications) / CiteScore - Q1
(Computer Science (miscellaneous))