



electronics



an Open Access Journal by MDPI

Network Management: Advances and Opportunities

Guest Editors:

Prof. Dr. Jemal Abawajy

Faculty of Science, Engineering
and Built Environment, Deakin
University, Burwood, VIC 3125,
Australia

Dr. Aaqif Afzaal Abbasi

Department of Software
Engineering, Foundation
University, Islamabad, Pakistan

Dr. Amir Sinaeepourfard

Department of Computer
Science, Norwegian University of
Science and Technology, NTNU,
NO-7491 Trondheim, Norway

Deadline for manuscript
submissions:

closed (30 August 2021)

Message from the Guest Editors

In this context, the networking industry developed multiple networking and data sharing technologies, such as peer to peer networking (P2P), grid computing, cloud computing, fog computing, edge computing, dew computing, and IoT. With the development of the smart cities concept, smartphones can be connected to other devices to form an ecosystem of smart devices. Similarly, software-defined networking (SDN) and network function virtualization (NFV) technology are vital in providing platform-independent shared storage platforms for users. If we observe closely, we can see that the main purpose of these technologies is to improve network accessibility to a shared pool of resources and the ease of network management.

The purpose of this special issue is to provide a platform for researchers to share their research experiences, both theoretical and practical, in defining the issues, challenges, opportunities, and proposed solutions to address a wide range of network resource management challenges. We are looking for contributions in the best interest of the network research community.



mdpi.com/si/53038

Special Issue



electronics



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [CAPus / SciFinder](#), [Inspec](#), [Ei Compendex](#) and [other databases](#).

Journal Rank: JCR - Q2 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Electrical and Electronic Engineering)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](#)