



New Challenges of Networking Technologies and IoT

Guest Editor:

Prof. Dr. Habib Hamam

Department of Electrical
Engineering, University of
Moncton, Moncton, NB, Canada

Deadline for manuscript
submissions:

closed (30 October 2023)

Message from the Guest Editor

Traditionally, mobile data have referred to data from phones, tablets, access points, connected cars, etc. However, NarrowBand IoT (NB-IoT) presents a novelty. NB-IoT allows for low cost, low energy connections of mobile devices to an existing wireless infrastructure. The richness of IoT that has become commonplace in the home will soon be just as ubiquitous in the mobile world as well.

In addition to a more robust network capacity and an increasing number of connected devices, changing how these systems are maintained will have a dramatic effect on our mobile experience as well. Future network users will have an increasing number of connected devices, which means that there will be even greater amounts of data from which to derive preferences and likely actions.

As Artificial Intelligence, become more prevalent in network operations, this technology will augment the capabilities of human engineers and help them to perform their jobs better and on a larger scale. Artificial Intelligence can observe how engineers identify and solve problems and can learn how to spot potential service issues before they develop.





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 guest-edited 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), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems 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](https://x.com/electronicsMDPI)