



Wireless Network Protocols and Performance Evaluation

Guest Editors:

Prof. Dr. Andrey Lyakhov

Institute for Information
Transmission Problems, Russian
Academy of Sciences, 127994
Moscow, Russia

Prof. Dr. Hossam S. Hassanein

School of Computing, Queen's
University, Kingston, ON K7L 3N6,
Canada

**Prof. Dr. Katarzyna Kosek-
Szott**

Department of
Telecommunications, AGH
University of Science and
Technology, 30-059 Krakow,
Poland

Deadline for manuscript
submissions:

closed (31 January 2021)

Message from the Guest Editors

Dear Colleagues,

The main aim of this Special Issue is to seek high-quality submissions focusing on the development of efficient algorithms for wireless networks and mathematical frameworks for the performance evaluation of network protocols. Topics of interest include, but are not limited to:

- Ad-hoc, sensor, mesh, and vehicular wireless networks;
- Energy efficiency and QoS/QoE provisioning for wireless and mobile networks;
- 5G Systems and beyond;
- Coexistence of wireless technologies in unlicensed bands;
- Network virtualization and software-defined wireless networks;
- Underground and underwater communications;
- RFID, NFC, and machine-to-machine (M2M) communications;
- Stochastic processes and models of wireless networks and their protocols;
- Queues and queueing networks for wireless network performance evaluation;
- Simulation tools for wireless network performance evaluation;
- Testbeds and prototypes.

We welcome your contribution!





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)