



Massive MIMO Systems for 5G and beyond Networks

Guest Editors:

Prof. Dr. Yosef Pinhasi

Faculty of Engineering –
Department of Electrical and
Electronic Engineering, Ariel
University, Ariel 40700, Israel

Prof. Dr. Yoram Haddad

Department of Computer
Science, Jerusalem College of
Technology, Jerusalem 91160,
Israel

Deadline for manuscript
submissions:

closed (15 September 2023)

Message from the Guest Editors

This Special Issue is aimed at addressing issues that are involved in the analysis, algorithms, design, and implementation of the different MIMO and beamforming techniques designated to improve wireless channel capacity in the presence of scattering, multipath and fading, and the immunity of the link to interferences. This includes:

- Indoor and outdoor propagation scenarios;
- Selective fading;
- Space, time and frequency diversity techniques;
- MIMO and Massive MIMO;
- Beamforming and spatial filtering (analog and digital);
- Interference cancellation;
- Antenna arrays;
- Millimeter and terahertz wave technology;
- Terrestrial networks;
- Unmanned Aerial Vehicle (UAV) and Flying Ad hoc networks (FANET);
- Satellite communications;
- The sixth generation (6G) mobile network;
- Machine Learning methods for wireless networks.

https://www.mdpi.com/journal/electronics/special_issues/C34R59KY9S





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)