



an Open Access Journal by MDPI

Towards Native-AI and Open 5G and B5G Networks

Guest Editors:

Dr. Eduardo Baena

Instituto de Telecomunicación (TELMA), Universidad de Málaga, CEI Andalucía TECH E.T.S. Ingeniería de Telecomunicación, Bulevar Louis Pasteur 35, 29010 Málaga, Spain

Dr. Sana Ben Jemaa

Orange Labs, 22307 Lannion, France

Dr. Mythri Hunukumbure

Samsung UK, London TW18 4QE, UK

Message from the Guest Editors

This Special Issue will cover all aspects related to the above topics, including hardware, software, and algorithmic developments. Topics include but are not limited to:

- The native and massive application of AI in open RAN networks
- New flexible architectures
- Network Digital Twins
- Satellite and HAPS (High Altitude Platform Station) cellular integration
- Cybersecurity
- Quantum cryptography communications, among others.

Welcome to your contributions.

Deadline for manuscript submissions: closed (15 September 2024)









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 χ @electronicsMDPI