

Special Issue

Transmission Techniques for 5G and Beyond

Message from the Guest Editor

This Special Issue, “Transmission Techniques for 5G and Beyond”, will provide an overview of 5G communications and beyond, in terms of network, services, and requirements, while describing advances in transmission techniques foreseen for future versions. All new ideas about how to improve performance, capacity and/or spectrum efficiency of transmission techniques for 5G and beyond, while keeping computational cost at an acceptable level are most welcome. Contributions to this Special Issue should provide an overview of how the proposed transmission techniques bring added value to the advances of cellular communications, in terms of performance and/or advanced requirements. The topics of this Special Issue include, but are not limited to the following:

- 5G and beyond
- Massive MIMO
- Millimeter-wave communications
- Block transmission techniques
- Non-orthogonal multiple access

Silva

Guest Editor

Dr. Mário Marques da Silva

1. Instituto de Telecomunicações, 1049-001 Lisboa, Portugal
2. Department of Sciences and Technologies, Universidade Autónoma de Lisboa, 1169-023 Lisboa, Portugal

Deadline for manuscript submissions

closed (31 August 2020)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/41709

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/

[applsci](https://doi.org/10.3390/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)