

## Special Issue

# Emerging Techniques in Wireless Network Analysis and Optimization

### Message from the Guest Editors

Wireless communication technologies are rapidly evolving, driven by growing network complexity and rising user expectations. With this regard, accurate measurement, analysis, and optimization techniques are still crucial for enhancing network reliability, efficiency, and overall performance. In this Special Issue, original research articles and reviews are welcome. Areas of interest include, but are not limited to, the following:

- Physical-layer characterization and performance evaluation methods.
- Efficient wireless network optimization approaches.
- Alternative and advanced measurement techniques in wireless systems.
- Intelligent methods assisting wireless performance analysis.
- Efficient AI-driven resource allocation methods.
- Novel applications of AI in wireless communication technologies.

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### Guest Editors

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### Deadline for manuscript submissions

20 October 2026



## Applied Sciences

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## 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.

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### Editor-in-Chief

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