



Applications of Wireless and Mobile Communications

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Message from the Guest Editor

Dear Colleagues,

Wireless and mobile communications are pivotal in today's interconnected world, enabling seamless connectivity and data exchange. This Special Issue of the MDPI journal *Applied Sciences* delves into the transformative impact of these technologies, exploring innovative applications and addressing emerging challenges. The rapid evolution of wireless communication has paved the way for advanced scenarios, integrating machine learning, IoT, and cyber security to meet growing bandwidth demands and sustainability goals. Key topics include AI-driven communication strategies, robust wireless sensor networks, and novel applications that enhance real-time, mission-critical operations. This Special Issue invites cutting-edge research that contributes to this field's growth, ensuring efficient, secure, and eco-friendly communication solutions.

Dr. Mario Marques Da Silva
Guest Editor





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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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