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Next-Generation Green Wireless Networks and Industrial IoT

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Deadline for manuscript submissions:
30 April 2024

Message from the Guest Editors

The next generation of wireless networks (i.e., 6G) will connect billions of machines and millions of people and is envisioned to support high-speed communication in three-dimensional space by integrating space, aerial, terrestrial, and underwater networks...

The main topics of interest for this Special Issue include, but are not limited to, the following:

- Energy-efficient machine-to-machine communications
- Energy- and spectral-efficient access technologies for modern wireless networks
- Scalable machine learning for next-generation wireless networks
- AI/ML techniques for green communications and computing in 5G/B5G networks and smart industries
- Scalable network infrastructures for smart cities
- Smart energy management techniques for balancing energy demand–supply in 5G/B5G
- Analytical, optimization and experimental approaches for green communications and computing in 5G/B5G networks ...

We hope this Special Issue will achieve a precise, concrete and concise conclusion that contributes significantly to opening new horizons for future research directions. Please note that all submitted papers should be in the scope of the *Symmetry* journal.

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Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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