Special Issue

Advances in Wireless Communication: Applications and Developments

Message from the Guest Editor

Wireless communications have evolved from user-centered services, where the system design was primarily focused on providing an adequate quality of service (QoS) for voice services, to things being connected to provide an entire ecosystem in support of the everyday life of a user. However, this is no longer be sustainable due to the high energy consumption, high bandwidth usage, and highly cumbersome procedure of configuring each node, especially in the near future where more and more things become smart and indiscriminately transmit packets. As such, communication systems now must consider the small amount of energy and charging times in energy harvesting modules to decide when and what information to transmit, lowering impacts on the personal ecosystem of the user. Hence, the design of wireless communications will require the use of one or more of these aspects in the near future:

- Energy consumption (energy harvesting, clean energies);
- Security guarantees (robust to attacks, privacy guarantees);
- Machine learning;
- IoT and social media communications.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

I would like to introduce the new, online, and open access journal *Telecom*. The purpose of *Telecom* is to publish high-quality research papers as well as review articles that address recent advances in communications technology. We invite researchers to contribute original papers describing applications and experiences in emerging trends of all fields of telecommunications engineering. *Telecom* also welcomes Special Issue proposals from academics and industrial researchers. We aim to facilitate more collaboration between scientists and engineers around the world, such that they will produce their innovative ideas and submit their cutting-edge technologies to *Telecom*. We anticipate the receipt of your contributions to *Telecom*, and we welcome your comments and ideas on how to improve this journal.

Editor-in-Chief

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