Special Issue

5G Wireless Systems for Industry 4.0

Message from the Guest Editor

As the fourth industrial revolution advances, a great variety of solutions integrating wireless technologies such as 5G with different cyberphysical systems, industrial Internet-of-Things technologies, and cloud computing are being designed and deployed to cope with the different industrial use cases requiring wireless connectivity. These integrated solutions, targeting diverse I4.0 application scenarios, aim typically not only at enabling flexibility by providing wireless control of the system, but also at collecting and processing data. This Special Issue is dedicated to advanced 5G wireless systems in I4.0 scenarios. Consequently, the topics of interest include but are not limited to:

- 5G architectures targeting operational industrial scenarios;
- 5G deployments and field trials in operational industrial scenarios;
- Industrial scenarios and applications requiring 5G connectivity;
- Advanced integrated industrial wireless control and monitoring systems;
- Performance evaluation, simulations, and measurements of wireless IIoT systems;
- IIoT wireless control and monitoring protocol design;
- Cloud-based IIoT solutions

Guest Editor

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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