

Special Issue

Intelligent Algorithms for 5G and 6G Wireless Communication Systems

Message from the Guest Editors

Topics of interest includes but not limited to:

- Swarm optimization algorithm in hybrid 5G services;
- Population-based algorithms in 5G fixed wireless;
- Bio-inspired algorithms for 5G heterogeneous networks;
- Nature-inspired algorithms for 5G IoT networks;
- Internet of medical things;
- Natural algorithms for 5G cyber physical systems;
- Evolutionary/deep learning in path loss modelling;
- Expert systems for 5G and 6G;
- Artificial intelligence for 5G- and 6G-based smart cities, sustainable cities and urban computing;
- Physics- and chemistry-based algorithms in Modulation for 5G;
- Intelligence techniques for Unmanned Aerial Vehicle (UAV)-based solutions for 5G and beyond;
- Fusing blockchain technology in quality of service;
- Optimization algorithms for 5G channel models;
- Deep learning for 5G-based internet of vehicles;
- Neural networks and swarm-based algorithms for slicing;
- Artificial intelligence for 5G ultra-dense networks;
- Intelligent algorithms for 5G mobile robots;
- Genetic algorithms for 5G MIMO;
- Nature-inspired algorithms for 6G.

Guest Editors

Prof. Dr. Haruna Chiroma

Prof. Dr. Nasir Faruk

Dr. Ibrahim Hashem

Deadline for manuscript submissions

closed (20 July 2023)



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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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