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Future Wireless Communication and IoT for Cybersecurity

Guest Editors:

Dr. Ismail Butun

School of Electrical Engineering and Computer Science, KTH Royal Institute of Technology, SE-100 44 Stockholm, Sweden

Dr. Amar Amouri

Academic Support Department, Abu Dhabi Polytechnic, Abu Dhabi, United Arab Emirates

Dr. Manel Khelifi

Centre INRIA d'Université Côte d'Azur, 2004 Route des Lucioles, 06902 Valbonne, France

Deadline for manuscript submissions:

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Message from the Guest Editors

This Special Issue invites cutting-edge research on the intersection of future wireless communication technologies and cybersecurity. We are particularly interested in exploring emerging IoT communication technologies like Low-Power Wide-Area Networks (LPWAN) and Narrowband IoT (NB-IoT), as well as advancements in Nano-IoT, quantum communications, and quantum computing, and their security implications.

Topics of Interest:

- Secure wireless communication protocols for IoT devices;
- Cybersecurity challenges in 5G/6G networks;
- Intrusion Detection Systems (IDS) for IoT environments;
- Blockchain technology for IoT security;
- AI and machine learning in IoT cybersecurity;
- Privacy-preserving techniques in IoT and wireless communication;
- Threat detection and response strategies in IoT networks;
- Security considerations in LPWAN and NB-IoT technologies;
- Quantum communications and their impact on IoT security;
- Quantum computing for enhancing cybersecurity in wireless communication and IoT;
- Nano-IoT (nanosensors, nanodevices) and their cybersecurity implications.



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Special Issue



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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

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Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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