

## Special Issue

# Physical-Layer Security for Wireless Communications

### Message from the Guest Editors

This Special Issue aims to provide a view of recent research on physical-layer security and integrity techniques for communications. The security and integrity of transmissions are a major concern for future technologies. To date, information security has generally been assigned to the cryptographic layer, thus involving a high computational cost, and consequently a relatively high power consumption. Furthermore, the emergence of new wireless technologies such as Internet of Things (IoT), 5G tactile Internet, massive MIMO, cognitive radio, smart satellite systems, etc. makes current encryption-based methods unsuitable. Physical-layer security is an alternative solution to these problems. The basic idea of this security is to exploit the characteristics of the transmission channel and its impairments to design efficient secure transmission strategies, such that the information from the source to the intended receiver are kept confidential. Active researchers in physical-layer security and integrity for wireless communications are highly encouraged to submit their recent original works and results to this Special Issue.

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### Guest Editors

Dr. Roland Gautier

Prof. Dr. Gilles Burel

Dr. Anthony Fiche

Dr. Telex Magloire N. Ngatched

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### Deadline for manuscript submissions

closed (20 November 2022)



## Sensors

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### Editor-in-Chief

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