

## Special Issue

# Network Information Theory and Its Applications in Security and Privacy

### Message from the Guest Editors

This Special Issue aims to explore cutting-edge advancements in Network Information Theory and its applications in the domains of security and privacy. Network information theory deals with the fundamental principles of information flow and communication within networks. In the context of security and privacy, it explores how information theory concepts can be employed to enhance the confidentiality, integrity, and availability of data transmission and storage. This Special Issue seeks to give an overview of the theoretical foundations, practical techniques, and novel applications of network information theory in the fields of security and privacy. It aims to address the challenges and opportunities that arise in various applications, such as wireless networks, Internet of Things (IoT), social networks, and cloud computing and distributed data storage.

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### Guest Editors

Dr. Stanislav Kruglik

Dr. Ilya Vorobyev

Prof. Dr. Luis Javier García Villalba

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### Deadline for manuscript submissions

closed (31 March 2024)



## Applied Sciences

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### 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.

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### Editor-in-Chief

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