Special Issue

New Trends in Data Security and Privacy Based on Cryptographic Techniques

Message from the Guest Editors

Data security and privacy is a primary concern in new computing paradigms such as cloud, edge, and fog technologies, as well as the Internet of Things (IoT). Cryptographic algorithms and protocols play vital roles in delivering powerful and resilient security and privacy guarantees. This Special Issue aims to present the recent developments and emerging trends in the field of Data Security and Privacy Based on Cryptographic Techniques, particularly theories, applications, and security evaluations.

Cryptographic algorithms and protocols;
Security metrics and models;
Security threats and attack vectors;
Secure computing architectures;
Big data security;
Blockchain security;
Data security and privacy in cloud computing;
Data security and privacy in IoT;
Applications of cryptographic techniques for protecting data security and privacy;
General literature and taxonomy.

Guest Editors

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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.

Editor-in-Chief

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