

## Special Issue

# Security and Privacy in Distributed Systems

### Message from the Guest Editors

The goals of this Special Issue are to discuss how blockchain, federated learning, and trustworthy AI are used to secure and maintain privacy in distributed systems in the modern era, and to provide a forum for experts to discuss their most recent cutting-edge research, opinions, and ideas on potential future directions in this field. Research areas may include (but are not limited to) the following:

- Security and privacy in cyber-physical distributed systems;
- The function of trust management in the security of distributed systems;
- Security and privacy of distributed online social networks;
- Implementing security protocols for distributed healthcare systems;
- Distributed systems privacy and security using blockchain;
- Trustworthy distributed intelligence for smart factories;
- Distributed systems data security for Industrial IoT;
- Security architecture for distributed digital systems;
- Distributed security network functions against botnet attacks in software-defined networks;
- Federated learning models for distributed system security;
- Challenges in cloud computing security and solutions;
- Threats, issues, and remedies for the distributed IoT network.

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### Guest Editors

Dr. S. Manimurugan

Dr. P. Karthikeyan

Prof. Dr. Subramaniam Ganesan

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### Deadline for manuscript submissions

closed (31 July 2023)



## Applied Sciences

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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.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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