

# Special Issue

## Cybersecurity in Cloud Computing

### Message from the Guest Editors

The main topics of the Issue will regard cybersecurity threats, challenges and solutions in cloud computing and associated domains, including blockchain-based decentralized cloud computing, smart cities and factories, e-Health solutions and IoT applications. Despite the increased demand for cloud computing systems and services over the past decade, a demand that was additionally accelerated due to the COVID-19 pandemic, the public or private adoption of the cloud remains limited. One of the major issues that hinders its widespread use are security issues. The following are some of the topics proposed for this Special Issue (a non-exhaustive list):

- Security challenges in cloud environments;
- Use of blockchain to address security and privacy issues;
- Methods, algorithms and applications for vulnerability remediation and risk mitigation;
- Security and privacy challenges in IoT applications and low-power embedded systems;
- Secure mechanisms for the storage, sharing and accessing of sensitive data in the healthcare industry, including novel COVID-19 applications;
- Cybersecurity attacks on smart cities, smart grids, smart factories and Industry 4.0.

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### Guest Editors

Dr. Charalampos S. Kouzinopoulos

Dr. Konstantinos Votis

Prof. Ioannis Mavridis

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### Deadline for manuscript submissions

closed (30 April 2022)



## 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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