

# Special Issue

## Advances in Cyber Security

### Message from the Guest Editors

The increasing sophistication of cyberattacks presents major challenges to individuals, businesses, and governments. As digital threats continue to evolve, there is an urgent need for innovative cybersecurity solutions to protect critical infrastructure and sensitive data. We invite submissions that address emerging cybersecurity challenges across a range of topics, including, but not limited to, advanced threat detection, cyber defense strategies, secure communications, cryptography, digital forensics, and the role of artificial intelligence and machine learning in cybersecurity. Contributions focused on securing Internet of Things (IoT) devices and cloud infrastructure, as well as combating cybercrime, are also highly encouraged. This Special Issue seeks original research articles, case studies, and experimental work that present innovative solutions to real-world cybersecurity problems. All submissions will undergo a thorough peer review process, ensuring the highest standards of quality and relevance. We look forward to contributions that push the boundaries of cybersecurity and offer practical solutions to the current challenges in the digital age.

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### Guest Editors

Dr. Georgi R. Tsochev

Dr. Maria Nenova

Dr. Peican Zhu

Prof. Dr. Ki-Hyun Jung

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### Deadline for manuscript submissions

20 June 2026



## 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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