

## Special Issue

# Artificial Intelligence for Cybersecurity: Latest Advances and Prospects

### Message from the Guest Editor

As the digital landscape evolves and becomes increasingly interconnected, the reliance on artificial intelligence for safeguarding sensitive information and defending against cyber threats has grown tremendously. This Special Issue provides an in-depth analysis of the current state of research in artificial intelligence for cybersecurity. We expect to highlight advanced techniques, such as machine learning, deep learning, big data, and cloud computing, which have revolutionized the way that we detect and respond to cyber-attacks. Furthermore, we hope to discuss the challenges faced by researchers in effectively harnessing the power of AI to combat cyber threats, addressing issues related to information security and privacy. We invite researchers and experts in the field of cybersecurity to contribute to this Special Issue. We welcome original research articles, review papers, and perspectives that shed light on the latest advancements in the field, offer valuable insights, or propose new approaches to enhance the security and resilience of our digital systems.

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### Guest Editor

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### Deadline for manuscript submissions

closed (20 January 2025)



## 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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