Special Issue

Artificial Intelligence-Based Approaches for Future Cybersecurity Applications and Crime Detection

Message from the Guest Editors

Although in recent years, investments and efforts in finding and implementing new cybersecurity solutions have been increasing, companies, organizations, and private citizens are still victims of cyber-attacks. With the still ongoing pandemic, the process of migration of information toward the digital domain has sped up even more. Artificial intelligence is the ability of a machine to implement human capabilities such as reasoning, learning, planning, and creativity, thus allowing systems to understand their environment, relate to what they perceive, and to solve problems, acting towards a specific goal. Its employment, centered on classification models, is to exploit algorithms and data analysis techniques providing more efficient and performing solutions than traditional ones. We aim to deepen and promote the dissemination and exchange of novel theories, designs, applications based on artificial intelligence, as well as ongoing results among researchers and practitioners related to various cybersecurity perspectives.

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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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