Intelligent Security and Privacy Approaches against Cyber Threats

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Message from the Guest Editor

Dear Colleagues,

As many organizations have moved to work from home, cyber attackers have expanded their advanced persistent threats (APT) to exploit vulnerabilities of home networks. It is urgent to develop well-designed privacy security approaches, algorithms, protocols, standards and policies for safeguarding home and organization networks against new cyber threats.

Topics of interest include but are not limited to:

- Intelligent security practices and model-based AI against COVID-19 threats;

- Privacy-enabled human factor models against COVID-19 cyberattacks;

- Privacy-driven human analytical behaviours in home networks;

- Privacy-preserving algorithms and approaches for protecting data of home networks;

- Secure Big Data analytics to analyze heterogeneous IoT and home elements;

- Secure and distributed semantic techniques for modeling home networks;

- Blockchain technologies for trusting home and organization systems and networks;

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Special Issue

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Message from the Editor-in-Chief

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