Big Data and Cyberspace Security

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

With the rapid development of distributed network systems such as the Internet of Things (IoT), smart devices, smart cities, and social media networks, data volumes have become extremely larger than before. The term "Big Data" is thus used to describe data items that are too large or complex to be handled by traditional data-processing application software. In real-world applications, such large data also bring a big challenge to cyberspace security, as most existing security solutions find it difficult to handle incoming events in the era of big data. For example, most existing intrusion detection systems cannot process the exceeded incoming traffic due to limited handling capabilities. Hence, it may discard many packets and cause a severe security incident. To address this challenge, there should be a special focus on developing effective and efficient security schemes under big data. This Special Issue aims to provide a forum for researchers and practitioners to discuss the state of the art in this domain.

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Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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