Advances in Cryptography and Blockchain for Securing Modern Smart Communications

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Message from the Guest Editors

Dear Colleagues,

The increased automation in modern smart environments are changing our activities of daily life as well as various industrial processes. Recent emerging communication technologies including 5G/6G, Internet of Things (IoT), Internet of Drones (IoD), and Internet of Everything (IoE) facilitate the development of various smart places, including smart homes, smart hospitals, smart farms, smart factories and smart cities. Problems have arisen related to information security and the data privacy of communicating entities (users, servers, IoT devices, etc.) in the systems.

At present, there is a lack of sufficient research works integrating cryptography techniques and blockchain in a single design with the aim of addressing the issues described above. This Special Issue is seeking innovative cryptographic methods, tailored blockchain designs, or works integrating cryptography and blockchain in design with the aim of assuring security and privacy in systems.

Special Issue

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Message from the Editor-in-Chief

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