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Special Sessions Call for Papers
The Sixth International Symposium on Computer, Consumer and Control, 2023

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Session title: *Network Security Is Applied in the IoT System*

Network security technology is used to strengthen the security of wireless sensing data in the network architecture of the Internet of Things (IoT). Blockchain is a typical network security technology. Blockchain technology can make data transfer in the IoT architecture more secure. Blockchain technology can be said to be the most disruptive innovative technology since the Internet era. It relies on complex cryptography to encrypt data, and then through ingenious mathematical decentralized algorithms, the most worrying security and trust issues on the Internet can be solved. It allows users to reach a consensus without needing third-party intervention and solves the problems of trust and data value on the Internet at a meager cost.

Give a practical example. The data on the growth of high unit price plants on the farm is very confidential. At present, most smart farms use Wireless Sensor Networks (WSNs) systems to monitor various growth conditions of crops. At the same time, the system will also transmit the environmental parameters of various plant growth to the central processing unit of the farm. Usually, the transmission of data may only be encrypted with a simple password, which is easily cracked or tampered by network hackers. At present, issues related to information security have become the focus of attention.

Topics/Areas

We invite academic researchers and industry professionals from a broad range of disciplines to submit to this special issue. Topics of interest include, but are not limited to:

- artificial intelligence
- blockchain

- cloud computing
- wireless sensor network
- deep learning
- fuzzy logics
- internet of things
- machine learning
- 5G

All papers accepted and registered for presentation will be published in the conference proceedings, and excellent papers will be recommended for publication in the special issue of SCI(E)/ EI journals. Please note that papers must submit via the submission system website and meet the format of IS3C2023.