

Special Issue

The Study of Network Security and Symmetry

Message from the Guest Editors

Emerging network technologies, e.g., cloud computing, the Internet-of-Things, and Cyber-Physical System, have revolutionized our daily life and have brought deep impact on several application domains, e.g., eHealth systems, vehicular systems, and some industrial systems. While we enjoy more benefits and conveniences from practical applications with the integration of emerging network technologies than ever, new and challenging security threats are introduced. This special issue aims to collect state-of-the-art research advances in-network threats and security. Potential topics include but are not limited to the following: Symmetric cryptography for network security Applied cryptography for network security Emerging tools for network security Anonymous communications, metrics, and performance Secure communication Attack detection and prevention for network security Cloud, data center and distributed systems security Digital investigation and threat intelligence Privacy enhancement techniques Etc.

Guest Editors

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Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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