



symmetry



an Open Access Journal by MDPI

Blockchain-Enabled Technology for IoT Security, Privacy and Trust

Guest Editors:

Prof. Dr. Kuo-Hui Yeh

Institute of Artificial Intelligence
Innovation, National Yang Ming
Chiao Tung University, Hsinchu
300093, Taiwan

Dr. Chunhua Su

Department of Computer
Science, University of Aizu,
Fukushima 965-8580, Japan

Prof. Dr. Shi-Cho Cha

Department of Information
Management, National Taiwan
University of Science and
Technology, 43 Keelung Rd.,
Sect. 4, Taipei 106, Taiwan

Deadline for manuscript
submissions:

closed (3 April 2023)

Message from the Guest Editors

Dear Colleague,

The Internet-of-Things (IoT) is an emerging paradigm seamlessly integrating a great quantity of smart objects connected to the Internet. With the rise in interest around the IoT, further attention must be devoted by the research community and industry to overcoming related trust, security and privacy challenges, to unleash the full potential of the IoT. Recently, blockchain technology has been perceived as a promising solution for managing distributed IoT devices because it has the characteristics of decentralization, openness and tamper resistance. Although numerous studies have addressed various applications of blockchain technology in the IoT, there is no consensus regarding their integration, nor do agreed-upon best practices exist for applying blockchain technology in the IoT with robust security and privacy. As things stand, employing blockchain technologies in the IoT is still particularly challenging. This Special Issue invites original research that investigates blockchain-enabled technologies for IoT security, privacy and trust.



mdpi.com/si/79262

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Sergei Odintsov

1. Institució Catalana de Recerca
i Estudis Avançats (ICREA),
Passeig Luis Companys, 23,
08010 Barcelona, Spain
2. Institute of Space Sciences
(ICE-CSIC), C. Can Magrans s/n,
08193 Barcelona, Spain

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within SCIE (Web of Science), Scopus, CAPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank: JCR - Q2 (*Multidisciplinary Sciences*) / CiteScore - Q1 (General Mathematics)

Contact Us

Symmetry Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/symmetry
symmetry@mdpi.com
X@Symmetry_MDPI