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Secure and Decentralised IoT Systems

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Deadline for manuscript
submissions:

27 December 2024

Message from the Guest Editor

Dear Colleagues,

The Internet-of-Things (IoT) is one of the modern technological revolutions that enables communication amongst a plethora of different devices. The IoT is essential in implementing various visions such as smart cities, smart buildings, and industry 4.0. Although IoT applications are now spreading throughout everyday life, they are still organised vertically in an isolated manner. The distributed interconnection of IoT devices is still a challenge since devices have different communication protocols, heterogeneous hardware, and different security capabilities and belong to different domains.

This Special Issue aims to collect papers on conceptual and practical approaches for building secure and decentralised IoT applications.

Topics include but are not limited to the following:

- Latest tools and methodologies that underpin the design and implementation of IoT applications.
- Use of blockchain for designing and building decentralised and secure IoT applications.
- Industrial case studies.
- State of the art and future perspectives about the design, validation, and implementation of decentralised and secure IoT applications.



mdpi.com/si/199924

Special Issue



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Message from the Editor-in-Chief

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Journal Rank: JCR - Q2 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

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