

Special Issue

Secure and Decentralised IoT Systems

Message from the Guest Editor

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.

Guest Editor

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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