Special Issue

Emerging Trends and Challenges of IoT in Smart Healthcare Systems, Smart Cities and Education

Message from the Guest Editor

Due to the visibly rapid growth in science and technology, many modern and automatic devices are being developed to support healthcare and education systems. Modern hospitals and education systems engage with a number of challenges when facilitating patients and students. The current progress in the healthcare domain aims to support the complete monitoring of patients during the various stages of a treatment process. Similarly, the COVID-19 pandemic changed the shape of education systems for students, faculty and parents. Currently, the IoT is gaining popularity, with an enormous effect on virtually everything and its capacity to remodel the digital world by connecting it all to the internet. There are a few IoT applications relevant to smart industries, smart cities, healthcare systems, education, etc. The IoT framework is complex and heterogeneous and brings a range of challenges, including decentralization, poor interoperability, privacy and vulnerability to attacks. Because of its many advantages, such as distributed data storage and immutability, blockchain has become the solution for IoT safety, with the potential to improve the overall safety of the IoT ecosystem.
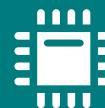
Guest Editor

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Deadline for manuscript submissions

closed (3 October 2023)
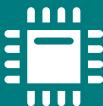
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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. 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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