



Secure IoT Adoption and Its Challenges in Health & Wellbeing Applications

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Message from the Guest Editors

Further opportunities for the use of IoT in health and wellbeing management systems include direct and indirect monitoring of elderly people, infants, handicapped individuals, and mental health patients, as well as for fitness activity tracking. IoT provides the opportunity to create a safe, comfortable, and welcoming personalized environment to encourage improved health and overall wellbeing. The adoption of wearable devices is just the beginning of a future pervasive and robust IoT-based health and wellbeing management infrastructure.

This Special Issue focuses on the design, implementation, testing, and issues encountered by IoT health and wellbeing applications. Topics covered in this issue will include uncompromised privacy and security during remote monitoring and tracking, mobile health, environmental monitoring, fitness and body activity recording, smart hospital management, device access control, healthcare compliance and regulations, secure data recording systems, trust-based data storing mechanisms, tamperproof storage for sensitive data, or any schemes that support reliable and secure management of health and wellbeing data.





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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