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## Security and Sensing Devices for Healthcare Technologies

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Deadline for manuscript  
submissions:

**closed (31 May 2021)**

### Message from the Guest Editors

Micro/nano-scaled structures, materials and devices enable the continuous monitoring of human physical activities and behaviors, as well as physiological and biochemical parameters during daily life. The most commonly measured data include vital signs such as heart rate, blood pressure, and body temperature, as well as blood oxygen saturation, posture, and physical activities through the use of an electrocardiogram (ECG), ballistocardiogram (BCG) and other devices. Potentially, wearable photo or video devices could provide additional clinical information. Wearable devices can be attached to shoes, eyeglasses, earrings, clothing, gloves and watches and may evolve to be skin-attachable devices. Sensors can be embedded into the environment, such as chairs, car seats and mattresses. Healthcare is undergoing a rapid transformation from traditional hospital and specialist focused approach to a distributed patient-centric approach. Advances in several technologies fuel this rapid transformation of healthcare vertically. Among the various technologies, communication technologies have enabled us to deliver personalized and remote healthcare services.



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# Special Issue



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## Message from the Editor-in-Chief

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