

# IEEE 4<sup>th</sup> International Workshop on IoT Enabling Technologies in Healthcare (IoT-Health 2021)

June 14–18, 2021  
Montreal, Canada



## Co-Chairs

Kamran Sayrafian  
National Institute of Standards  
& Technology, USA

Hamed Ahmadi  
University of York, UK

Konstantinos Katzis  
European University Cyprus,  
Cyprus

## Main contact

[ieeeicc21workshop-iot-health-chairs@edas.info](mailto:ieeeicc21workshop-iot-health-chairs@edas.info)

## Important Dates

- ❖ Paper submission deadline:  
**January 20, 2021**
- ❖ Notification of acceptance:  
February 20, 2021
- ❖ Camera-ready papers:  
March 1, 2021

## Submission Link

<https://edas.info/N27564>

## Website

<http://iot-health.org/>

## Scope

The Internet of Things (IoT) has numerous applications in healthcare, from smart wearable or implantable sensors to remote monitoring of elderly, medical device networking, and in general creating a healthcare network infrastructure. IoT has the potential to create a pervasive environment for monitoring patient health and safety as well as improving how physicians deliver care. It can also boost patient engagement and satisfaction by allowing them to spend more time in the comfort of their residence and interact with their care centers whenever needed. A significant driver for the IoT-Health market is the increasing penetration of connected devices in healthcare. Wearable sensors have received a remarkable growth in recent years; however, a pervasive IoT-Health infrastructure is still long way from commercialization. The end-to-end health data connectivity involves the development of many technologies that should enable reliable and location-agnostic communication between a patient and a healthcare provider. IoT-Health workshop aims to focus on the design, development, performance evaluation and experimentation of IoT enabling technologies in healthcare applications.

## Topics

We seek original completed and unpublished work not currently under review by any other journal/magazine/conference. Topics of interest include, but are not limited to:

- Body Area Networks
- IoT for Remote Health Monitoring
- Interference Analysis & Mitigation for IoT-health Devices
- Coexistence Issues for IoT-Health Devices
- PHY, MAC and Networking Issues for IoT-Health
- Reliability and QoS in IoT-Health
- Energy Efficiency for Wearable & Implanted Medical Devices
- Antennas for Wearable & Implantable Sensors
- SAR Evaluation
- Smart Textile for IoT-Health
- IoT-Health Solutions to Fight Pandemic
- Security and Privacy in IoT-health
- IoT-Health Standardization Activities
- IoT-Health for Livestock and Pets
- Interoperable & Connected Medical Devices
- Smart Pills & Precision Drug Delivery
- Wireless Capsule Endoscopy
- Energy Harvesting Technology for IoT-health
- Channel Modeling & RF Propagation Studies
- Human Body Communication (HBC)
- IoT-Health Testbeds & Experimental Results
- WAN technology for IoT-Health
- Patient Tracking & Localization Technology
- Activity Monitoring & Measurement
- IoT Technologies for Contact Tracing