



CALL FOR PAPERS - SPECIAL SESSION
“IoT-based Intelligent Wearable Systems ”
for CODIT’22
May 17-20, 2022 ▪ Istanbul, Turkey

Session Co-Chairs:

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Session description

This special session deals with the problem of the development of intelligent medical wearable technologies on the basis of artificial intelligence (AI). Thanks to AI, these intelligent medical wearable technologies have the ability to collect data, analyze, monitor, manage and control various conditions and potential hazards inside or outside the human body to bring health and safety to humans.

IoT-based wearable smart technologies are used to measure various vital signs related to humans and their environment, and to report online to relevant medical authorities about any potential illness. Wearable sensors are mounted on the human body and connected to the edge node in the IoT cloud, where personal health status and potential environmental hazards are processed and analysed.

The goal is to present the latest and most important research work done in the field of wearable Internet in various fields such as health, tracking and localization and safety. Experts from around the world will present and discuss to address the fundamental differences of related algorithms in each area and identify the future trends, benefits and challenges of IoT-based intelligent wearable technologies in a real-world implementation.

The topics of interest include, but are not limited to:

- Health wearable IoT device
- Wearable sensors
- Wearable devices in 5G and beyond
- Tracking and localization by IoT wearable device
- Rehabilitation wearable systems
- Monitoring wearable systems

SUBMISSION

Papers must be submitted electronically for peer review through PaperCept by **January 07, 2022** : <http://controls.paperecept.net/conferences/scripts/start.pl>. In PaperCept, click on the **CoDIT 2022 link** “Submit a Contribution to CoDIT 2022” and follow the steps.

IMPORTANT: All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).

DEADLINES

January 07, 2022: deadline for paper submission

March 4, 2022: notification of acceptance/reject

March 30, 2022: deadline for final paper and registration