IEEE COINS 2024

IEEE International Conference on Omni-layer Intelligent Systems

London, UK | July 2024

https://coinsconf.com

Call for Papers

Track: Sensing Devices and Systems for AIoT

This track aims to gather the physical, chemical, and biosensor community to discuss current issues, ranging from the choice of sensitive materials to sensor manufacturing and their adaptation for the final application, such as smart biotechnology, connected cities, environmental monitoring, security, etc. It is also a forum for discussing the process of data collection by intelligent techniques such as deep learning, multivariate analysis, and others. The track is therefore open to high-quality submissions from researchers working in smart sensors, wireless sensing, and sensors for the Artificial Intelligence of Things (AIoT). The topics of this track are detailed below.

- Sensors for AIoT
- Sensor systems: signal, processing, and interfaces
- Sensor systems and instrumentation for smart transportation & environment
- Sensor systems and instrumentation for health and biology
- Smart industry
- Smart Sensors for Environmental and Medical Applications
- Optical Sensing for Big Data application
- Sensors in an AI Universe
- Smart Wearable and Implantable Sensing Systems
- Sensors for Emerging Applications
- Frugal Sensors
- Physical & Chemical Sensors
- Bio-Inspired Sensors and Systems
- Electronic Tongues
- E-nose for Sensitive and Selective Chemical Sensing Applications