

# IEEE COINS 2021

## IEEE International Conference on Omni-layer Intelligent Systems

IEEE | IEEE RAS | IEEE CEDA | IEEE COMPUTER SOCIETY | VSA-TC IEEE CAS | E-HEALTH-TC IEEE COMSOC | TC-ICPS IEEE IES | IEEE IOT

Hybrid Event:  
(On-site In-person Presentation & Virtual Presentation)

Barcelona, Spain  
August 23-25, 2021



### Call for Papers

## Track Name: Sensors

This track aims to gather the physical, chemical and bio sensor 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 IoT. The topics of this track are detailed below.

- Sensors & IoT
- Sensor systems: signal, processing and interfaces
- Sensor systems & instrumentation for smart transportation & environment
- Sensor systems & 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

IEEE COINS will publish accepted papers in the conference proceedings and the proceedings will be submitted to the IEEE Xplore Digital library and indexing services.

**Selected best contributions of IEEE COINS will be invited to submit expanded versions of their studies to IEEE IoTJ (IF=9.936) for review and potential publication.**

## Organizing Committee

### Track Chairs

Hamida Hallil, Bordeaux University, France

Eduard Llobet, Rovira i Virgili University, Spain

### TPC Members

Jan Mitrovics, JLM Innovation, GmbH (Tubingen), Germany

Xavier Llauroadó, NVISION S.L., Spain

Jérôme Rossignol, Bourgogne University, France

Saakshi Dhanekar, IIT Jodhpur, India

Nicole Weckman, Harvard University, USA



Submission of Regular Papers and  
Special Session Papers  
**April 30, 2021**



Notification of Paper Acceptance  
**June 30, 2021**