



Special Session on

Sensors for a smarter world

Organized and co-chaired by IEEE Sensors France Chapter members:

Hamida HALLIL, University of Bordeaux, FR, hamida.hallil-abbas@u-bordeaux.fr

Jerome ROSSIGNOL, University of Bourgogne, FR, jerome.rossignol@u-bourgogne.fr

Call for Papers

This special session 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, industry 4.0, 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 session is therefore open to high quality submissions from researchers working in smart sensors, wireless sensing and sensors for industrial applications. The topics of this session 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
- Industry 4.0
- 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
- Energy harvesting and management for wireless sensors and IoT
- Physical & Chemical sensors
- Bio-Inspired Sensors and Systems
- Electronic Tongues
- E-nose for Sensitive and Selective Chemical Sensing Applications

Submission of papers: deadline follows the deadline for the regular papers.

All the instructions for paper submission are included in the conference website:

<https://ieeefrance.org/author-guidelines/>