Call for Contributions

1. Inform the Chair: with the Title of your Contribution
2. Submission URL:
   https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ALLSENSORS+2020+Special
   Please select Track Preference as INNOBIOR

Special track

INNOBIOR: Innovative Sensors for Biomedical Applications and Robotics

Chair and Coordinator

Prof. Dr. Xavier Boddaert, Ecole Nationale Supérieure des Mines de Saint-Etienne, France
   boddaert@emse.fr

along with

ALLSENSORS 2020

The Fifth International Conference on Advances in Sensors, Actuators, Metering and Sensing
   https://www.iaria.org/conferences2020/ALLSENSORS20.html
   June 21 - 25, 2020 - Valencia, Spain

This special track deals with the fabrication, characterization, simulation and reliability of soft, flexible/stretchable sensors for robotics and biomedical applications.

Topics include, but not limited to:

- Sensors for robotics, human-machine interface including artificial skin
- Sensors for health monitoring, surgery and rehabilitation
- Textile based sensors for wearable applications
- Sensor principles: piezoresistive, piezoelectric, pyroelectric, resistive, capacitive, etc.
- Sensor types: pressure, strain, force, tactile, chemical sensing, etc.
- Materials: graphene, carbon nanotubes (CNT’s), metallic nanoparticles and nanowires, PVDF & copolymers, PDMS nanocomposite, conductive polymers, etc.
- Fabrication techniques: direct printing, screen printing, etc.
- Substrates: elastomers, PET, Kapton, fabric, etc.

Contribution Types
- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]
Important Datelines
Inform the Chair: As soon as you decide to contribute
Submission: April 27
Notification: May 17
Registration: May 27
Camera-ready: May 27

*Note: The submission deadline is somewhat flexible, providing arrangements are made ahead of time with the chair.*

Paper Format
- See: http://www.iaria.org/format.html
- Before submission, please check and comply with the editorial rules: http://www.iaria.org/editorialrules.html

Publications
- Extended versions of selected papers will be published in IARIA Journals: http://www.iariajournals.org
- Print proceedings will be available via Curran Associates, Inc.: http://www.proceedings.com/9769.html
- Articles will be archived in the free access ThinkMind Digital Library: http://www.thinkmind.org

Paper Submission
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Registration
- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at http://www.iaria.org/registration.html

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