

Call for Contributions

Submission:

1. **Inform the Chair:** with the Title of your Contribution

2. **Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=SENSORCOMM+2018+Special>

Please select Track Preference as **SDSCSSQ**

Special track

SDSCSSQ: Next Generation Sensing Devices, Sensors Circuits, Sensors Standards on Quality Assurance

Chair and Coordinator

Professor Tarikul Islam, Jamia Millia Islamia (A Central University)-New Delhi, India

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along with

SENSORCOMM 2018, The Twelfth International Conference on Sensor Technologies and Applications

September 16, 2018 to September 20, 2018 - Venice, Italy

<http://www.iaria.org/conferences2018/SENSORCOMM18.html>

Sensing devices are playing important roles in different fields for the measurement, monitoring and control of various parameters. Applications of the sensing devices are expanding very fast, so the next generation sensing devices have to fulfill several challenges for their reliable operation. With the advancement of sensing technologies, demands for online health parameters monitoring are increasing day by day. Interfacing and signal condition circuits for correct form of data are integral part of any sensor/sensors based systems. Today with the availability of large amount of sensing data, development of sensors standards for quality assurance becomes essential.

The main objective of this track “SDSCSSQ” is to explore latest research on future sensing devices with superior characteristics and suitable electronic circuits for interfacing the sensors. Research work on signal conditioning circuits for addressing different errors such as nonlinearity, drift due to aging, temperature, frequency, hysteresis, cross-sensitivity and development of standards for the quality assurance of data from different sensors will also be included in this track.

Authors are invited to submit complete unpublished papers, which are not under review in any other conference or journal in the following, but not limited to:

- Sensing devices: design and modeling
- Sensors array for e-nose and e-tongue
- Fabrication, Packaging
- Response characteristics determination
- Interfacing circuits for sensors and sensors array
- Signal conditioning circuits
- Standards for sensors
- Applications: Internet of Things (IoT), health monitoring
- Development of sensor-based electronic systems

Important Datelines

- Inform the Chair (see Contact below): as soon as you decided to contribute
- Submission: ~~June 4~~ **July 10**
- Notification: ~~July 2~~ **July 30**
- Registration: ~~July 16~~ **August 10**
- Camera ready: ~~July 22~~ **August 10**

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]

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>

Contacts

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SENSORCOMM logistics: steve@iaria.org