



ORGANIZERS

General Chairs

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Massey University, New Zealand

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Rowan University, USA

CALL FOR PAPERS

Sensors Applications Symposium provides a unique opportunity for researchers and developers to share progress in sensor technologies, methods, applications, standardization, and commercialization. General and Special Sessions offer forums where participants can exchange ideas and gain information on the sensor state of the art. A mix of plenary, poster, demonstration, plug-fests, a sensor development workshop, and other networking activities ensure that your work will be seen.

Full paper submissions are encouraged – a full review process will be followed to ensure the high quality of those papers finally accepted and presented at the conference.

IMPORTANT DATES

September 15, 2017

Special Session Proposal Deadline

October 31, 2017

Full Paper Submission Deadline

December 20, 2017

Review Notification (Accept, Reject, Accept with Minor Revisions)

January 20, 2018

Final Paper Submission Deadline

February 5, 2018

Final Decision Notification

Sensor Applications

- Assisted Living for the Aging Population
- Biomedical Sensors for Medical, Biomedical
- Commercial Development
- Energy and the Smart Grid
- Energy Harvesting for Sensors
- Industrial Applications: Manufacturing, Process Monitoring
- Internet of Things
- Sensors for Aerospace: PicoSats, CubeSats
- Non-Destructive Evaluation and Remote Sensing
- Robotics and Automation
- Smart Agriculture
- Smart Buildings
- Smart Cities and Communities
- Transportation

Sensor Technologies and Methods

- MEMS and Nano-Sensors
- Novel Sensing Technologies
- Flexible and Wearable Sensors
- Memristive Sensors
- Big Data
- Visualization
- Sensor Data Fusion
- Sensor Networks

Sensor Standards

- ISO/IEC/IEEE Standards (P21451-1, P21451-1-4, P21451-4, P21451-2, and others)



Please visit (available soon):

2018.sensorapps.org

Special Sessions

Special Session proposals are invited; these should include title, synopsis, at least one confirmed attendee (who will have to cover their conference registration and travel costs). Special Sessions typically have an extended introduction or overview presentation. Proposals should be sent to the attention of the Special Session Chair.

Plug-Fest, Demonstrations

Plug-Fests are returning to SAS! The proliferation of Internet of Things (IoT) has added new urgency to many of the standards sponsored by the I&M Society. Attendees are invited to bring their current implementations of: P21451-1, P21451-1-4, P21451-4, P21451-2, and related standards. Demonstrations of other “show and describe” experiments and prototypes are encouraged. Contact the event organizers for any special power or other requirements.

Best Student Paper Grant & Student Travel Grants

A tradition for SAS is to provide a certain number of Travel and Best Student Paper Grants. These competitive grants are announced after acceptance of the paper (Travel), and after presentation at the conference (Paper).

Publication

Papers presented at SAS 2018 will be eligible for consideration for publication in a Special Issue of the IEEE Transactions on Instrumentation and Measurement.

Sensor Application Development Workshop

Another year of Sensor Application Development Workshop! We will teach you how to build and deploy smartphone sensing applications under a day of effort! You will learn how to use a collaborative sensing platform. Winning team participants will get an Android device as prize.

Additional topics for workshops and sessions are solicited and welcome. Please contact the conference organizers.