



2016 IEEE SENSORS APPLICATIONS SYMPOSIUM

April 20 - 22, 2016 • Catania, Italy

<http://sensorapps.org>

Sensors Applications Symposium is a unique opportunity for researchers and developers working in the field of sensors and their applications. General and special sessions will be dedicated to share experience and knowledge in the field of sensor technologies, sensing methodologies and applications for sensors as well as the role and the use of sensors in strategic fields ranging from environment monitoring to ambient assisted living. A strong effort will be also dedicated to promote networking activities through formal and informal events.

Submission of both oral and poster presentation is solicited at IEEE SAS 2016; suggested topics are:

Sensor Applications

- * Building and Home Automation and Security
- * Ambient Assisted Living, Active Ageing and Well Being
- * Sensors for Medical, Biomedical, and Healthcare Systems
- * Agriculture and Farms Monitoring
- * Energy and Environment Monitoring and Metering
- * Sensors for Industrial Applications and Processes Monitoring
- * Robotics and Automation
- * Automotive and Transportations
- * Military and Aerospace
- * Sensors for Quality Control
- * Sensors for the Smart Cities and Communities
- * Non-Destructive Evaluation and Remote Sensing
- * Energy Harvesting Strategies and Devices for Autonomous Sensors
- * Commercial Development

Sensor Technologies

- * MEMS and Nano-Sensors
- * Flexible Sensors
- * Exploitation of Novel Materials for Sensors

Sensor Methodologies

- * New Sensing and Transduction Methodologies and Devices
- * Smart and Virtual Sensors and Standards
- * Multi-Sensor Data Fusion
- * Sensor Networks (Wireless, Optical, and Ethernet) and Distribute Measurement Systems

Additional topics for workshops and new sessions are welcome, please contact the organizers.

General Chairs:

Salvatore Baglio, University of Catania, Italy
Gourab Sen Gupta, Massey University, New Zealand

Technical Program Chairs:

Vedran Bilas, University of Zagreb, Croatia
Bruno Andò, University of Catania, Italy

Important Dates:

Special Session Proposal Deadline:	September 30, 2015
Paper Submission Deadline:	December 4, 2015
Acceptance/Rejection/Revision Notification:	January 22, 2016
Final Paper Submission Deadline:	February 5, 2016

Special Sessions

Special session proposals can be addressed to the Technical Chairs (vedran.bilas@fer.hr, bruno.ando@dieei.unict.it) before the deadline. Special session organizers are invited to submit a proposal which includes: the special session title, a special session synopsis, the name of one confirmed invited speaker (that will have to cover his own travel and conference registration cost) which will give an extended presentation.

Papers presented at SAS 2016 will be eligible for consideration for publication in a Special Issue of the IEEE Transactions on Instrumentation & Measurement.

Demo Sessions

Researchers who are willing to "bring and show" experiments and prototypes are encouraged to apply and ask for an equipped stands. Attendees will be required to give a brief Pitch presenting their activity and stimulating visitors.

Satellite Event: Sensor Application Development Workshop

This one day workshop will guide to the use of a collaborative sensing platform to build and deploy smartphone sensing applications.

Best Student Paper Grant and Student Travel Grants

As already a tradition for SAS, a certain number of travel grants for students will be awarded together with a Best Student Paper grant. Notification of the travel grants awards will be sent after the acceptance of the paper, the grant will be given at the conference only for registered student participants.

Organized and Sponsored by:

