5th International Conference on Sensors and Electronic Instrumentation Advances

http://www.seia-conference.com/

TENERIFE

SEIA'19

25-27 September 2019 • Canary Islands (Tenerife), Spain

The 5th Annual International Conference on Sensors and Electronic Instrumentation Advances (SEIA' 2019) is a forum for presentation, discussion, and exchange of information and latest research and development results in both theoretical and experimental research in sensors, transducers and their related fields. It brings together researchers, developers, and practitioners from diverse fields including international scientists and engineers from academia, research institutes, and companies to present and discuss the latest results in the field of sensors and measurements.

The SEIA conference is focusing any significant breakthrough and innovation in Sensors, Electronics, Measuring Instrumentation and Transducers Engineering Advances and its applications with broadest concept. The conference is organized by the International Frequency Sensor Association (IFSA), a professional association, which celebrates its 20th anniversary in 2019.

The conference is focusing any significant breakthrough and innovation in Sensors, Electronics, Measuring Instrumentation and Transducers Engineering Advances and its applications including Internet of Things (IoT), wearable devices, smart homes and cities, healthcare, etc. by focusing on main areas as:

Sensor Technology

- Accelerometers
- Inclinometers
- Gyroscopes
- Mechanical Sensors
- Optical Sensors
- Optical Fiber Sensors
- Photonic Sensors
- Chemical Sensors
- Biosensors
- Immunosensors
- BioMEMS
- Temperature Sensors
- Pressure Sensors
- Acoustic Sensors
- Electromagnetic Sensors
- Gas Sensors
- Humidity Sensors
- Infrared Sensors, Devices and Thermography
- Radiation Sensors
- Multi Sensor Fusion
- Smart Sensors
- Intelligent Sensors
- Virtual Sensors
- Sensor Interfacing and Signal Conditioning
- Sensor Calibration
- Nanomaterials and Electronics Technology for Sensors
- Semiconductor Materials for Sensors
- Polymer Materials for Sensors
- MEMS and NEMS
- Remote Sensors and Telemetry
- Sensor Applications

Sensor Instrumentation and Measuring Technology

- Metrology and Measurement Science
- Methods of Measurements
- Calibrations and Standards
- Measurement of Electrical Quantities
- Time and Frequency Measurements
- Measurement of Force, Mass, Torque, Inclination and Acceleration
- Magnetic Measurements
- Hardness Measurements
- Measurement of Geometrical Quantities
- Temperature and Thermal Measurements
- Pressure and Vacuum Measurements
- Vibration and Noise Measurement
- Flow Measurements
- Chemical Measurements
- Quantum Measurements and Photonics
- Acoustics and the Ultrasonic Measurements
- Environmental Measurements
- Power and Energy Measurements
- Measurement of Human Functions
- Measurements in Biology and Medicine
- Mathematical Tools for Measurements
- Optical and Radiation Measurements
- Microwave Measurements
- Virtual Instruments and Data Acquisition Systems
- Software Measurements
- Measurement Systems
- Distributed Measurements
- Analog-to-Digital Converters, Digital and Mixed Signal Processing
- Waveform Analysis and Measurements
- Scientific and Industrial Instrumentation
- Cyber-Physical Systems and IoT
- Experimental Mechanics
- Measurement in Robotics
- Metrology in Food and Nutrition
- Intelligent and Computer Vision Instruments
- Reliability of Instrument and Measurement Systems
- Nanometrology
- Technical Diagnostics and Testing
- Nondestructive Testing
- Education and Training in Measurement and Instrumentation

Contribution Types:

- Keynote presentations
- Invited talks
- Special sessions
- Regular and Poster sessions
- Industrial presentations
- Exhibition

Deadlines:

Submission (2-page extended abstract):	**5 May 2019**
Notification of acceptance:	**15 June 2019**
Early Bird Registration:	**15 July 2019**
Camera ready and late registration:	**31 July 2019**

20 years IFSA



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TENERIFE SEIA'19

Pre-Conference Tutorial 24.09.2019 (14:00 - 18:00)

Nanotechnology and Engineering Nanomaterials
by **Prof. Sivakumar Manickam,**
Director, Nanotechnology and Advanced Materials,
The University of Nottingham Malaysia, Kuala Lumpur, Malaysia

Venue

SEIA' 2019 will take place on Canary Islands (Tenerife), Spain,
25-27 September 2019

Conference Hotel

Hard Rock Hotel Tenerife
Avenida Adeje 300 s/n, Playa Paraiso, 38678, Adeje, Tenerife, Spain

One event - three publications !

1. All registered abstracts will be published in the conference proceedings.

2. Selected extended papers will be published in Sensors & Transducers journal.

3. The best full-page papers will be recommended to extend to book chapters for 'Advances in Sensors: Reviews' Book Series.

Organizing Committee

Chairmen:

Prof., Dr. Yurish, Sergey (IFSA, Spain),
e-mail: SYurish@sensorsportal.com
Dr. Daneshmand Malayeri, Amin (Asia-SAME, UAE)
e-mail: amin.daneshmand87@gmail.com

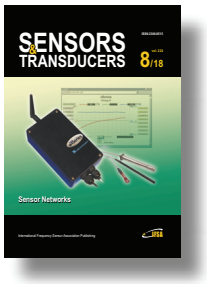
Advisory Chairmen

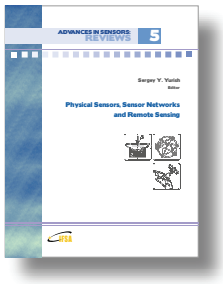
Prof. Gennaro Conte (University Roma Tre, Italy)
Dr. Pavel Shuk (Emerson Process Management, USA)
Dr. Marius Gheorghe (Ideal Aerosmith Inc., USA)
Dr. Paolo Dabove (Politecnico di Torino, Italy)

Conference and Publication Manager

Tetyana Zakharchenko (IFSA Publishing, S.L., Spain)







Social Programme

Welcome Cocktail
24 September 2019 (20:00-23:00). The Welcome Cocktail will take place in the 16th (Sky Lounge Bar) situate on the Hard Rock Hotel Nirvana Tower building's roof with the magnificent view to La Gomera Island and sunset.

Gala Dinner
26 September 2019 (19:00-24:00). The Gala Dinner (BBQ) will take place in the Hard Rock Hotel at the sea beach in front of the Lagoon area.

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