



Organizing Committee:

General Chair:

Juan Carlos Miguez, Region 9

Technical Program Chair:

Daniel Slomovitz, UTE Laboratory

Technical Program Co-Chairs:

Bernardo Tellini, University of Pisa

Wendy Van Moer, VUB Brussels

Publications Chair:

Pablo Thomasset, IMS Chapter Chair

Tutorials Chair:

Alfredo Arnaud, Universidad Catolica
Uruguay

Special Sessions Chair:

Conrado Rossi, Universidad de la
Republica Uruguay

Important Deadlines:

October 15, 2013

Submission of Extended Abstracts

January 15, 2014

Notification of paper acceptance

March 15, 2014

Deadline for Camera-ready papers

Sponsored By:



Web Page:

imtc.ieee-ims.org

2014 IEEE International Instrumentation and Measurement Technology Conference

Montevideo, Uruguay May 12-15

I²MTC 2014 spans research, development and applications in the field of instrumentation and measurement science and technology. This includes Industrial Tracks, where research merges with practical applications in industrial technology used every day. The Conference fosters the exchange of know-how between industry and academia. Paper contests will include a Conference Best Paper Award and Student Best Poster Awards. In addition to papers, the conference will also have Tutorials and Exhibits covering the entire range of Instrumentation and Measurement Technology.

The Conference focuses on all aspects of instrumentation and measurement science and technology-research, development and applications. The program topics include:

- Advances in Instrumentation and Measurement Developments and Techniques
- Biomedical Systems
- Data Acquisition Systems and Techniques
- Energy and Power Systems
- Industrial Process Control
- Measurement and Instrumentation for Industrial Applications
- Measurement Applications
- Measurement of Electric and Magnetic Quantities
- Measurement of Materials and Mechanical Quantities
- Measurement, Instrumentation and Methodologies Related to Healthcare Systems
- Measurement Systems and Theory
- Non-invasive Measurement Techniques and Instrumentation
- Real-Time Measurement
- Robotics and Controls
- Sensors and Sensor Fusion
- Signal & Image Processing Techniques
- Software Development for Measurement and Instrumentation Support
- Techniques related to Instrumentation
- Transducers
- Virtual Measurement Systems
- Wireless Sensors and Systems

Given that the 2014 conference's theme is "**Instrumentation and Measurement for Sustainable Development**", we strongly encourage submissions in the areas of energy, communication instrumentation, measurement, system development and recent advances.

Potential authors are invited to submit extended abstracts via the I²MTC website.

Each extended abstract (3 or 4 pages in English) should report results of the original research of theoretical or applied nature. The extended abstract should, moreover, explain the significance of the contribution and contain a list of key references. It must be prepared according to the abstract preparation guidelines provided on the I²MTC website. A Student Poster Contest will be held for both graduate and undergraduate student papers, with cash awards for the best papers and travel subsidies ranging from USD 300 to USD 1000, depending on student location. Extended abstracts should be submitted by the students according to the rules posted on the website and should be identified as student papers. Check the website for detailed instructions and deadlines.

Authors of accepted papers must register for the Conference and attend to present their papers. The authors of papers presented during I²MTC 2014 will be allowed to submit expanded and extended versions of their papers to the Special Issue of IEEE Transactions on Instrumentation & Measurement on I²MTC 2014 to be published in 2015.