

The "Measurable" of Tomorrow:  
Providing a Better Perspective on Complex Systems



2015.imtc.ieee-ims.org

# **2<sup>nd</sup> IMTC**™

**2015 IEEE  
International Instrumentation  
and Measurement Technology  
Conference**

**MAY 11 - 14, 2015  
PISA, ITALY**

I<sup>2</sup>MTC 2015 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

## **IMPORTANT DATES**

**September 29, 2014** - Submission of FULL PAPERS (**HARD Deadline**)

**December 05, 2014** - Notification of paper acceptance, rejection or revision

**January 12, 2015** - Submission of final version (**HARD Deadline**)

**February 9, 2015** - Final notification of paper acceptance

Given that the 2015 conference's theme is "**The "measurable" of tomorrow: Providing a Better Perspective on Complex Systems**", we strongly encourage submissions in the areas of instrumentation and measurement for energy, transportation and communication systems.

Prospective Authors are invited to submit a FULL PAPER of typically 4-5 (maximum 6) pages IEEE format consisting of a complete description of the proposed technical content and applicable research results. Each paper should indicate appropriateness for the scope of the Conference, originality and quality of the technical content, whole organization and writing style. The paper should, moreover, explain the significance of the contribution and contain a list of key references. It must be prepared according to the paper preparation guidelines provided on the I<sup>2</sup>MTC website. In case of revision, papers are accepted only upon condition that the changes requested by the Reviewers are satisfactorily addressed by the Authors in the final submitted papers. Final papers may be rejected if the Reviewers' remarks have not been properly addressed.

All accepted papers presented at the conference will be submitted for publication IEEE Xplore, reporting the following statement on each page: "The complete technical content of this paper was peer reviewed at the direction of IEEE I&M Society subject matter experts". A Student Poster Contest will be held for both graduate and undergraduate student papers, with cash awards for the best papers. Papers 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.

Special Sessions will provide a comprehensive discussion of specific challenging and emerging issues in the instrumentation and measurement area. Special Session organizers should submit their proposals within 10 August 2014.

Student Travel Awards will be made available. Check the website for detailed instructions, application, and deadlines.

Authors of accepted papers must register for the Conference and attend to present their papers. The authors of papers presented during I<sup>2</sup>MTC 2015 will be allowed to submit expanded and extended versions of their papers to the Special Issue of IEEE Transactions on Instrumentation & Measurement on I<sup>2</sup>MTC 2015 to be published in 2016.

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