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54th International Instrumentation Symposium

Hilton Pensacola Beach, Florida, 5 - 8 May 2008
Sponsored by ISA ASD, TMD, and PMCD Divisions

Call for Papers

54 YEARS IN THE MAKING...

The 54th International Instrumentation Symposium is sponsored jointly by the Aerospace Industries, Test Measurement, and Process Measurement and Controls Divisions of ISA. This symposium has become recognized as the outstanding forum for discussion of new and innovative instrumentation techniques, development and applications. The symposium will include paper sessions, short courses, and tutorials. Papers will be considered for publication in the ISA technical journal.

For additional information, contact:

Randy Buchanan
General Co-Chair

University of Southern MS
(601) 266-4949
randy.buchanan@usm.edu

Aubri Buchanan
General Co-Chair

NASA SSC
(228) 688-3973
aubri.c.buchanan@nasa.gov

Rodney Jones
(919) 990-9418
rjones@isa.org

Guidelines for Submission:

- All Authors/Speakers must pay registration fee
- Intent to Present Application must be submitted **electronically** and in English.
- Must include a 200-500 word abstract.
- Suggested length limit for papers is 10 pages, including figures and illustrations.
- Papers accepted for publication will require copyright transfer to ISA.

The lead author is the main contact. Submit your electronic Intent to Present Application including abstract online to www.isa.org/ABSTRACTS and email to aubri.c.buchanan@nasa.gov and rjones@isa.org.

Deadlines: **Abstracts:** 15 November 2007
 Draft Papers: 01 February 2008
 Final Papers: 14 March 2008

Prospective authors are invited to submit papers in the following areas:

- Electronic Instrumentation
- Wireless, Electromagnetic, & RF Instrumentation
- Geo-science and Remote Sensing
- Automated Measurement Techniques
- Biomedical Instrumentation
- Built-in-Test & Self-Test Instrumentation & Measurement
- Calibration and Uncertainty
- Time/Frequency based and Real-time Measurements Systems
- DCS, SCADA, and Industrial Instrumentation
- Noise, Measurement, and DSP
- Measurement Standards and Metrology
- Aerospace Systems
- Emerging Technology
- Environmental Measurements and Monitoring
- Cyber and Homeland Security
- Student Sessions
- Process Measurement and Control
- Green & Renewable Energy Technologies
- Intelligent Instrumentation & Measurement
- Power Systems, Radiation, & Nuclear Instrumentation
- Hardware-in-the-Loop (HIL) Instrumentation
- Safety Instrumented Systems
- Semiconductor and Superconductivity Measurements
- Sensors & Transducers
- Virtual Instrumentation & Systems
- Laboratory & Physical Science Instrumentation
- Nanotechnology, MEMS, NEMS
- Control System Instrumentation
- Temperature, Pressure, Flow & Process Variable Instrumentation
- Field Programmable Gate Arrays(FPGA) Based Systems
- Laser and Electro-Optics Instrumentation