

58th International Instrumentation Symposium



Hyatt Regency La Jolla, San Diego, California, 4–7 June 2012

Sponsored by ISA's Aerospace Industries (ASD), Test Measurements (TMD), and Process Measurement and Control (PMCD) Divisions, in collaboration with ISA's Automatic Controls and Robotics (ACARD) and Chemical and Petroleum Industries (ChemPID) Divisions, and the Propulsion Instrumentation Working Group (PIWG).

Call for Papers

58 YEARS IN THE MAKING...

The 58th International Instrumentation

Symposium (IIS) is sponsored jointly by the Aerospace Industries, Test Measurement, and Process Measurement and Controls Divisions of ISA. IIS is recognized internationally as the outstanding forum for discussion of new and innovative instrumentation techniques, development, and applications.

The symposium will include paper sessions, short courses, workshops, and tutorials. Program information will be available on www.isa.org/iis. Papers will be considered for publication in ISA's technical journal, *ISA Transactions*.

Guidelines for submission:

- All Authors/Speakers in attendance must pay registration fee
- 500 words (max) abstract in English shall be submitted electronically
- Final presentations must be on the official ISA Symposium template
- Papers accepted for publication and presentation will require completion of the ISA Rights and Responsibilities form
- The lead author is the main contact

Submit your abstract via email to:

Bryan.Hayes@arnold.af.mil AND techconf@isa.org

Deadlines:

Abstracts	20 January 2012
Draft Papers	23 March 2012
Final Papers	18 May 2012

For additional information, contact:

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Setting the Standard for Automation™

Topics include but are not limited to: Instrumentation

- Sensors
- Transducers
- Wireless, Electromagnetic, and RF Instrumentation
- Remote Sensing
- Environmental Monitoring
- Laser and Electro-Optics Instrumentation
- Power Systems, Radiation, and Nuclear
- Intelligent Instrumentation and Measurement

Data systems

- Measurement Standards
- Automated Measurement Techniques

Communications

- Telemetry
- DCS, SCADA
- Industrial Instrumentation

Turbine Engine Testing

- Tip Timing Technologies
- Hot Section Gas Temperature, Dynamic Pressure
- Tip Clearance Technologies

Platform Testing

- Ground
- Autonomous Vehicles
- Manned Flight
- Unmanned Flight
- Process

Test Facilities Metrology

- Field
- Bench
- Uncertainty

Cyber and Homeland Security

Safety Instrumented Systems

Process Measurement and Control

Control System Instrumentation

Student paper Sessions

- Undergraduate
- Graduate

