




**45 Years of Support Innovation –
 Moving Forward at the Speed of Light**
CALL FOR PAPERS

AUTOTESTCON is the largest conference focused on support systems for military and aerospace systems, and is sponsored annually by the Institute of Electrical and Electronic Engineers (IEEE). IEEE AUTOTESTCON 2010 conference will be held September 13-16, 2010 at the *Orlando World Center Resort*, the largest Marriott facility in the world on over 200 acres just outside of Disney World. The technical program for AUTOTESTCON 2010 will be determined by the interests of those participants submitting technical papers or organizing a technical session on an appropriate topic dealing with System Readiness, in general, and Automatic Test technology, in particular. Abstracts for technical papers are now being solicited, as are proposals for technical sessions.

• **Topics and Areas of Interest**

Verification
Diagnostics
Logistics
Management
Instrumentation
Systems

The Technical Program committee of the 45th AUTOTESTCON is particularly interested in developing technical sessions that address topics such as:

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| <ul style="list-style-type: none"> ○ Advances in ATE & TPSs ○ Software Tools ○ Network Centric Test/Logistics ○ Embedded Sensors & Instruments ○ Integrated Diagnostics/Prognostics ○ Closed-Loop Diagnostics ○ BIT/BITE Innovations ○ Standardization | <ul style="list-style-type: none"> ○ TPS Transportability ○ O-Level & At-System Test ○ Logistics and Management ○ Reusable Software ○ Impact of New Mil Requirements ○ Sustainment Strategies ○ Performance Based Logistics ○ Modeling, Reasoning, Simulation | <ul style="list-style-type: none"> ○ Commercial Systems ○ Factory & Development Test ○ System Health Monitoring ○ Self-Diagnosing Systems ○ Multinational Support ○ Wireless Applications ○ Measurement Science ○ Instrument Technologies |
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• **Abstracts and Session Proposals**

Abstracts for Technical Papers should be one page in length and highlight the main features of the proposed and previously unpublished paper dealing with one or more of the important aspects of System Readiness suggested above. Session proposals should include proposed papers, presentations, and speakers. Abstracts for technical papers must be submitted electronically at the URL indicated below. A copyright release will be required at the time of submission for each technical paper selected for inclusion in the AUTOTESTCON 2010 Technical Program. All AUTOTESTCON 2010 participants, including authors, presenters, session chairs, and exhibitors must register for the conference. Registration information will be on the AUTOTESTCON 2010 web site at www.autotestcon.com. A Student Paper Awards program for both Graduate and Undergraduate student papers includes cash awards of \$500 for best papers in both categories, plus travel subsidies ranging from \$300 to \$1000 depending on student location. Student abstracts are to be submitted to the URL shown below and identified as Student Papers

Abstracts are to be submitted to the Abstract Management website <http://edas.info> no later than **February 15, 2010**.

Questions and other matters should be directed to:

Peter Hansen -Technical Program Chair peter.hansen@teradyne.com (978) 370-1309	Steve Karlovic – AUTOTESTCON 2010 Chairman steve.karlovic@cdicorp.com
Jeffrey Rubin – Exhibits Chair auto2010exhibits@gmail.com	Jay Romania – AUTOTESTCON 2010 Vice Chairman jay.romania@us.army.mil