



# EXPO 2007

2-4 October  
Reliant Center, Houston, TX

## Call for Papers

Houston, once again, will host ISA EXPO 2007 and you're invited to submit an abstract for the Technical Conference Program to be held on 2-4 October 2007. The conference program is made up of solicited papers and papers approved through the Call for Paper submissions. Come share your technical knowledge with your peers!

The Solicited Program can be viewed at [www.isa.org/expo/22](http://www.isa.org/expo/22). Abstract submissions will be evaluated on their relevance and interest to the automation market. All submissions should be focused on end user applications of the technology.

Supplier abstracts will be accepted only if presented jointly with an end user with the supplier presentation focusing on the technology and the end user's presentation focusing on the application of the technology

Submit your abstract online at: [www.isa.org/isaexpo2007](http://www.isa.org/isaexpo2007)

The topics listed below within the theme areas are the topics that are currently being requested through the Call for Papers.

### Safety & Security Track

- Regulatory Environment – global efforts, NIST SP800-82, NIST SP800-53, NISCC, IEC
- Security Risk Analysis – Methodologies, Mitre, INL, RAMCAP
- Security Auditing
- Security Incident & Vulnerability Reporting
- Deploying Security Technologies
- Wireless Security

### Environmental & Quality Controls Track

- Membrane Technology
- Desalinization
- Power and Energy Control Optimization
- Legislation Issues
- Process Analytic Technology (PAT) – The FDA Way
- Process Analyzer Implementation for Quality

### Industrial Networking Track

- Industrial Ethernet Applications
- Wireless Applications

### Process Automation Track

- Control Applications
- Model Based and Model Predictive Control Applications
- Advanced Control Applications
- Inferential and Advanced Control
- Batch Automation Applications
- Motion and Vision Control Applications
- Migration of Legacy Tank Farm System to Wireless Technology
- How to Properly Instrument Lethal Service Applications
- Process Separator Applications

### Systems Integration Track

- The Realities of a Changing Workforce – Attracting, Developing and Retaining Personnel
- Migration and Technology Planning
- Real-time Plant Performance Information
- Multi-Sourcing

- Control/Information System Validation and Change Management
- Professional Development
- Project Management Techniques
- Justifying Technology Investment
- Main Automation Contractor
- Using System Integrators – Lessons Learned
- Project Execution – Lessons Learned
- Connecting the Plant to the Enterprise



## Submit your Paper in the following categories:

### **Paper Session** – 20 minute presentation – 10 minute Q&A

The most prestigious category is the presentation of technical papers on subjects of current topical interest. Paper presentations comprise the largest part of the conference program and are typically the best attended. Two or three papers are presented in each session and address key elements of the same topic. Each paper is presented in approximately twenty minutes with ten additional minutes devoted to discussions and questions from the audience.

All published papers are reviewed for originality, clarity, completeness and above all else commercialism (commercialism is not tolerated and is cause for disqualification). Papers presented at the conference (that have gone through the review process) will appear in the online proceedings and qualify for Professional Development Hour (PDH) credit. Following the selection of abstracts, authors will be notified and asked to provide:

**Rights and Responsibilities Release** – the paper must be copy-righted by ISA before Publication

**Review Draft** – The almost completed paper to be sent for Review

**Final Paper** – This is the completed paper after you receive notification that the paper has gone through review and has been accepted – with or without modifications.

**PowerPoint Presentation** – This is the presentation that will be used onsite. Must be on standard ISA template and free of commercialism.

**Supplier/End User Presentation** – Should be submitted as a joint author/co-author abstract. PowerPoint presentations could be different.

### **Panel Session** – 90 minutes

Three to five experts discuss significant industry and technology topics. Panel members and session attendees participate in the discussion. Panels are most effective when they begin with brief opening remarks/presentations based on white papers written by the panelists.

### **Tutorial Session** – 90 minutes

An industry expert leads a focused discussion followed by audience participation. Tutorials focus on technology and often include hands-on activities or demonstrations. A publishable paper leading off the tutorial is recommended.

### **Schedule**

<b>Deadline for Abstracts &amp; Bios</b> (200-500 words)	<b>9 April</b>
<b>Drafts Due for Review</b>	<b>15 June</b>
<b>Final Papers Due</b>	<b>10 August</b>
<b>Final PowerPoint Presentations Due</b>	<b>7 September</b>

### **Technical Conference Committee**

#### **2007 Technical Conference Chair**

Ian Verhappen, MTL

#### **Safety & Security Track Chair**

Paul Gruhn, ICS Triplex / Dick Oyen, Oyen Industrial

#### **Process Automation Track Chair**

Rick Williams, Andon Specialties

#### **Environmental and Quality Controls Track Chair**

Jim Tatera, Tatera & Associates

#### **Industrial Networking Track Chairs**

Dick Caro, CMC Associates

#### **Systems Integration Track Chair**

Dean Ford, Maverick Technologies

#### **ASD Track Chair**

Aubri Buchanan, NASA

**For more information  
visit the speaker resources page at  
[www.isa.org/speaker\\_resources](http://www.isa.org/speaker_resources)**