



# Call for Papers

## 53rd Annual ISA POWID Symposium Advances in Power Generation Industry Automation

7–10 June 2010, Summerlin, Nevada

The 53rd Annual ISA POWID Symposium will take place 7–10 June 2010. We will review all submissions and publish accepted papers in the Conference Proceedings via CD. The proceedings will be available later to the general ISA membership through the ISA POWID website.

Some of the topical areas for this conference are listed below. Focus on some aspect of the theme, “*Advances in Power Generation Industry Automation*”, is encouraged, and application to some aspect of the power industry is necessary.

### Power Plant Control System Advances

- Power Plant control system new & retrofit projects
- Novel control strategies, calibration, and tuning aids
- Integration of disparate control systems
- Optimization systems; continuous and discrete
- Advances in process measurements, calibration, and maintenance

### Productivity Technologies

- Integration of automation systems computer aided design and engineering
- I&C design and records management

### Nuclear Plant Issues and Technologies

- Digital upgrade experiences and developments
- Advances in process measurements and calibration
- Human factors and control room design
- Operator training advances
- I&C related technical and licensing issues

### Smart Grid Initiatives

- Alternative/renewable energy
- Alternative generation impacts on conventional plants

### Power Plant Safety & Training

- Burner management and safety systems
- Hazardous material monitoring and control
- Electrical safety
- Operator/technician training

### Control and Information Systems Security

- Regulatory requirements—NERC 1200, 1300, CIP-002-01
- Cyber Security Standard
- Application of security standards—ISA SP99, NIST 800 and others
- Vendor adoption/rejection of standards

### Other Power Industry Related Issues

- Automation life cycle
- Automation for environmentally friendly power
- Aging workforce

### Important Due Dates:

- 1/15 Abstract due to ISA
- 3/1 Draft paper due to ISA
- 5/5 Final paper (Word document only), rights and responsibilities form submission
- 5/16 Draft presentation submission
- 5/30 Final presentation submission

### If you have any questions, please contact:

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Tom Stevenson, Co-program Chair, [thomas.w.stevenson@constellation.com](mailto:thomas.w.stevenson@constellation.com);  
Tim McCreary, Co-program Chair, [timmccmd@aol.com](mailto:timmccmd@aol.com); or Rodney Jones, ISA Staff [rjones@isa.org](mailto:rjones@isa.org).

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