

SAVE THE DATE

August 5-7, 2014

2014 ISA Water/Wastewater and Automatic Controls Symposium



Crowne Plaza Orlando-Universal Hotel.....Orlando, Florida, USA.....**August 5 to 7, 2014**
Presented by the ISA Water/Wastewater Industries Division – www.isawwsymposium.com
Technical co-sponsors: WEF Automation and Info Tech Committee, the Florida AWWA Section,
Florida Water Environment Association, the ISA Tampa Bay Section, and the Instrumentation Testing Association

2014 TECHNICAL PROGRAM

The 2014 symposium has a special focus on “SCADA in the Workplace” and how SCADA can be used as an effective tool to optimize operations, maintenance and asset planning. The two day technical program will include a keynote address, a special welcome from the director of the ISA water/wastewater division, and an invited speaker. Guest speakers from the AWWA and WEF will also speak about the current advances in using instrumentation and SCADA in their sectors.

Interested in speaking at this year’s symposium? Authors can present a 30-minute talk, 6-12 page paper, or a large format poster. The Call for Abstracts is now available at www.isawwsymposium.com/call-for-abstracts/. Abstract submissions (250 words) are due December 15, 2013. See the website for the full author kit, including the abstract submission template and paper topic ideas.

2014 REGISTRATION FEES:

Regular Rate	\$425	Conference Hotel Rate.....	\$92/night
ISA Member Rate.....	\$325	Hotel Rate cut-off date	July 1, 2014
AWWA & WEF Member Rate	\$375	Discounted block of rooms are first-come, first-serve.	
Author/Speaker Rate	\$125		

2014 OPTIONAL SYMPOSIUM TRAINING COURSES

Troubleshooting SCADA Systems

Troubleshooting Instrumentation & Control Systems (TC10)

Date: August 4-5, 2014 (Mon-Tues)

Length: 2 days

CEU Credits: 1.4

Cost: \$1715 (\$1370 for ISA members)

This hands-on 2-day course, that uses actual physical instrumentation, presents a systematic approach to troubleshooting and start-up of single- and multi-loop control loops. You'll see how pressure, level, flow, and temperature loops operate to maintain good process control systems.

Introduction to SCADA Cyber Security

Introduction to Industrial Automation Security and the ANSI/ISA199 & IEC 62443 Standards (IC32C)

Date: August 5, 2014 (Tues)

Length: 1 day

CEU Credits: 0.7

Cost: \$660 (\$520 for ISA members)

This full day course covers the basics of the ANSI/ISA99 Security for Industrial Automation and Control Systems family of standards and how these can be applied in a typical water or wastewater district. You will be introduced to the terminology, concepts, and models of ANSI/ISA99 Cyber Security. As well, the elements of creating a Cyber Security management system will be explained along with how these should be applied to commonly used SCADA, DCS and Automation Systems in the water and wastewater

2014 EXHIBITOR & SPONSORSHIP OPPORTUNITIES

Exhibitor booths for WWAC 2014 are priced at \$875 and come with 2 vendor passes.

Symposium sponsorships are available at \$500, \$1500 and \$3000 levels, with increasing numbers of free passes and pre/post-event exposure.

Media Partnerships are also available. Contact us for more information.

For more information visit

www.isawwsymposium.com

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Call for Abstracts

Presented by the ISA Water/Wastewater Industries Division, in collaboration with the Florida Section of the AWWA (FSAWWA), the Florida Water Environment Association (FWEA), the WEF Automation and Info Tech Committee, and the Instrumentation Testing Association (ITA), the WWAC Symposium helps professionals in the water and wastewater industries understand how instrumentation, SCADA (supervisory control and data acquisition), and automatic control applications are vital to the treatment and distribution of water, and the collection and treatment of wastewater. The symposium also provides an excellent opportunity to gain valuable technical information, networking, professional development, and continuing education credits (CEUs and PDHs).

This 3-day symposium is focused on the challenges associated with automation and instrumentation in the water and wastewater sector. It features: 2 full days of presentations, a tour of a local water/wastewater facility, a general reception, networking events, a poster session, and a supplier showcase. The first day begins with registration, an optional full-day short course on a current SCADA/automation related topic, and a plant tour. The second day kicks off with a keynote speaker, followed by presentations on general topics such as instrumentation; system integration, automation, plant case studies, new technologies and process optimization/automation. The third day starts with an invited speaker on effective plant automation techniques, and is focused on SCADA in the Workplace with topics geared towards SCADA, PLC, HMI, Expert Systems, Data Modelling, and Alarm Management. The Tuesday-Thursday timeslot has been selected so that families can easily take their kids to Disney World, both during and before/after the symposium. Proceedings will be published and made available to water/wastewater division members, and papers will be considered for publication in the ISA's technical journal, ISA Transactions (www.isa.org/isatrans/).

Guidelines for Submission

- All authors/speakers must pay the speaker registration fee (\$125)
 - The speaker registration fee is a discounted conference rate (regular \$425)
- 250 word (max 300 words) abstract in US English shall be submitted electronically
- Authors must indicate what format they wish to present in:
 - 30 minute presentation (no paper)
 - 6-12 page paper and 30-minute presentation
 - Large format 3 foot wide x 4 foot high poster
- Final presentations must be on the supplied symposium PowerPoint template
- Final papers must be submitted in MS Word using supplied symposium template
- Papers/presentations/posters accepted for presentation and/or publication will require completion of ISA Rights and Responsibilities form
- Student papers and posters are welcome
- The lead author is the main contact

Submissions

Submit your abstract via email in MS Word format to:

abstracts@isawwsymposium.com AND provenzano2@comcast.net

Deadlines

Abstracts Due December 15, 2013

Notification of Acceptance January 16, 2014

First Draft Due March 6, 2014

Final Draft Due..... May 15, 2014

A full author information package, along with sample abstracts, templates and a list of topic ideas can be found at www.isawwsymposium.com

For additional information, contact:

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Topics include but are not limited to:

Speaking Track 1 – General Topics

Instrumentation: New Technologies and Applications

SCADA Security, ISA99, CSET, and Mitigating Risks

Control System Redundancy and Robust Design

Wireless Technologies

System Integration

Automation Techniques for Existing Plants

New Control System Technologies

Plant Case Studies

➤ Plant Upgrades & New Facilities

➤ Control System Upgrades & Replacements

➤ Lessons Learned

Process Optimization

Automated Control Techniques

Project Management Lessons for Integration Projects

Specific Water and Wastewater Challenges

Speaking Track 2 – SCADA in the Workplace

SCADA – Supervisory Control and Data Acquisition

Modelling Non-revenue water & collection networks

Energy use modelling and Optimization with SCADA

Capturing and Evaluating Stakeholder Needs

HMI Design for Operator Effectiveness

Effective Use of Multiple HMI Screens

Human Factors and Control Room Design

Intelligent & Expert Systems

Alarm Management & Alarm Rationalization

Implementing of ISA, EEMUA, WEF & AWWA Standards

Call-Out Alarm Rationalization and Techniques

Data Reporting & Presentation Techniques / Strategies

Data Management, Historians, and Data Retrieval

SCADA and the Current Regulatory Environment

Mobile HMIs, Tablets, Remote Access, and Dashboards

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www.isawwsymposium.com

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