



# 2014 ISA Water/Wastewater and Automatic Controls Symposium

AUGUST 5 -7, 2014  
Crowne Plaza Orlando - Universal Hotel • Orlando, FL

[www.isawwsymposium.com](http://www.isawwsymposium.com)

Presented by the ISA Water and Wastewater Industries Division, in collaboration with WEF Automation and Info Tech Committee, the Florida AWWA Section, Florida Water Environment Association, the ISA Tampa Bay Section, and the Instrumentation Testing Association, the WWAC Symposium helps professionals in the water and wastewater sectors understand how to use instrumentation, SCADA (supervisory control and data acquisition), and automatic control applications for purification, distribution, collection, and treatment of water and wastewater. The symposium also provides an excellent opportunity to gain valuable technical information, networking, professional development, and training.

This 3-day symposium is focused on the challenges associated with automation and instrumentation in the water and wastewater sectors. It features 2 full days of presentations (two speaking tracks/rooms), a tour of a local water/wastewater facility, a general reception, networking events, a poster session, and a supplier showcase.



**KEYNOTE SPEAKER AND FORUM SESSION MEMBER**  
**A Vision for the Water Resources Utility of the Future**

*Thomas W. Sigmund, P.E.  
Chair, NACWA Utility and Resource Management Committee  
Executive Director, NEW Water*



**FORUM MODERATOR**  
**The Role of Automation within the Utility of the Future**

*Tom DeLaura, P.E.,  
Chair, WEF Automation and Info Tech Committee  
Vice President, Eramosa Engineering International*



**FORUM SESSION MEMBER**

*Kalanithy Vairavamoorthy, Ph.D.  
Dean, University of South Florida  
Patel College of Global Sustainability*



**FORUM SESSION MEMBER**

*Barry Liner, P.E.  
Director, Water Science & Engineering Center at Water Environment  
Federation*



**FORUM SESSION MEMBER**

*David Henry, P.E.  
Program Manager III, Metropolitan Water District of Southern California*



**FORUM SESSION MEMBER**

*Mike Sweeney, Ph.D., P.E.  
Deputy Executive Director, Toho Water Authority*

## Technical Program Announced

Over 30 technical presentations and papers on a wide variety of automation, cybersecurity, instrumentation, plant optimization, and system-integration topics.

### 2 full days of Technical Speakers and Presentations

Instrumentation, System Integration, Automation, Plant Case Studies, New Technologies, Optimization, Project Management, SCADA, HMI, Human Factors, Alarm Management, Data Reporting

The major theme this year is how automation will play a key role in our workplace and what the Utility of the Future will look like. The symposium also continues with its traditional strength of sharing new ideas and lessons learned from recent plant upgrades and new-builds.

### The Symposium Program Also Includes:

Tour of a local water treatment facility, including transportation to the tour.  
Trade Show, Reception & Networking Opportunities.

### Continuing Education for

Plant Operations/Maintenance Staff, Plant Managers, Engineers, Instrumentation Technicians, Plant Designers, System Integrators, Facility Owners, and PLC/HMI/SCADA/DCS Programmers

### Affordable Professional Development

**Early-bird registration for the 3-day ISA WWAC Symposium is only \$400.**  
Discounts available for FSAWWA, FWEA, AWWA, WEF and ISA members.  
Includes breakfasts, lunches and evening reception.

## Earn CEUs & PDHs

The Florida AWWA, Florida WEA, the WEF Automation and Info Tech Committee, and the Instrumentation Testing Association have joined the symposium as technical co-sponsors.

Attendees will receive up to 2.0 CEUs (issued by the FSAWWA, and Florida Dept. of Environmental Protection (FDEP) approved) that can be used to for continuing education requirements for Florida state water operator and wastewater operator licenses. (FSAWWA course#05134009)

Florida Engineers can receive up to 20 PDHs (issued by the FSAWWA), and ISA members and out of state attendees can receive 20 PDHs from the ISA.

### Course: Troubleshooting SCADA Systems / Instrumentation & Control Systems (1.4 CEUs)

The symposium offers an optional 2-day short course on Troubleshooting Instrumentation & Control Systems. This course 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. Attendees receive 1.4 FDEP-approved CEUs (FSAWWA course#05134008) or 1.4 ICET-approved CEUs.

### Course: Introduction to SCADA Cyber Security (0.7 CEUs)

The symposium offers an optional full-day short course on an Introduction to SCADA Cyber Security. This seminar teaches you the basics of the ANSI/ISA99 Security for Industrial Automation and Control Systems standards and how these can be applied in the typical factory or plant. Attendees get 0.7 FDEP-approved CEUs (FSAWWA course#05134007) or 0.7 ICET CEUs.

**View the complete technical program and register at [www.isawwsymposium.com](http://www.isawwsymposium.com)**



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