



WWAC
Symposium2018

**Only a short
15 minute trip
from Washington,
D.C.!**

Call for Papers

The International Society of Automation invites you to present your work at the 2018 Water/Wastewater and Automatic Controls Symposium

6–7 August: Training • 7–9 August: Symposium
Hyatt Regency Bethesda • Bethesda, Maryland USA

Program Highlights:

Three-day symposium focused on the challenges associated with automation and instrumentation in the water and wastewater sector featuring two full days of presentations, a tour of a local water/wastewater facility, a general reception, networking events, a poster session, and supplier showcase.

Guidelines for Submission:

- 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
- All authors/speakers required to remit discounted speaker registration fee (\$150)

Important Deadline Dates:

Abstracts Due..... **31 January 2018**
 Notification of Acceptance..... **28 February 2018**
 First Draft Due..... **15 April 2018**
 Final Draft Due..... **30 May 2018**

Submit your abstract in MS Word format to:
abstracts2018@isawwvsymposium.com or provenzano2@comcast.net

*Brought to you by the ISA Water/Wastewater Industries Division
Symposium Committee*

General Symposium Chair
 Don Dickinson, Phoenix Contact
 +1 919-633-0147
 ddickinson@phoenixcon.com

Symposium Co-Chair
 Manoj Yegnaraman, PE, CP*, CE*
 Carollo Engineers, Inc.
 +1 256-651-6436
 MYegnaraman@carollo.com

Symposium Program Chair
 Joe Provenzano, KPRO Engineering Services
 +1 203-560-1816
 provenzano2@comcast.net

Pavol Segedy, P.E.
 Past Symposium Chair
 WWID Director

Kevin Patel
 Past WWID Director

Joel Don
 Social Media Chair

Graham Nasby
 WEF, AWWA, FWEA
 Liaison

Norman Anderson, P.E., GICSP
 Bryan Sinkler
 Plant Tour Coordinators

Kimberly Belinsky
 ISA Staff

Topics include but are not limited to:

General Topics

- Instrumentation: New Technologies and Applications
- SCADA Security, ISA/IEC 62443, CSET, Mitigating Risks
- Control System Redundancy and Robust Design
- Wireless Technologies, Alarm Management, HMI Design
- System Integration, Control System Strategies
- Automation Techniques for Existing Plants
- New Control System Technologies
- Plant Case Studies
- Process Optimization
- Automated Control Techniques
- Project Management Lessons for Integration Projects
- Specific Water and Wastewater Challenges

Future of Automation

- 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 & 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

Hot Topics & Emerging Technologies—NEW!

- Industrial Internet of Things
- Industry 4.0
- Smart Cities
- Intelligent Water Technologies
- Operational Optimization
- Effective Utility Management

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

Setting the Standard for Automation™