



WWAC
Symposium2018

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*

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Plant Tour Coordinators

Kimberly Belinsky
ISA Staff

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

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™