



WWAC Symposium 2009

4-6 August 2009
Doubletree Castle Hotel
Orlando, Florida

4th Annual ISA Water & Wastewater and Automatic Controls Symposium

Wednesday – 5 August, 2009

- 7:30 a.m. – 8:00 a.m. Registration
- 7:55 a.m. – 8:10 a.m. Welcome ~ Joe Provenzano
- 8:10 a.m. – 8:30 a.m. **Today's Technology Challenges**
Keynote Speaker, William Hurley, Orange County Utility
- Session 1**
8:30 a.m. – 9:15 a.m. **A Practical Approach to Securing Your WTP/WWTP**
Kevin Finnan, CSE-Semaphore
- Session 2**
9:15 a.m. – 9:45 a.m. **Dissolved Oxygen—The New & The Old: An Application Guide to DO Measurement**
Phil Kiser, Hach Company
- 9:45 a.m. – 10:00 a.m. Q&A Session-morning speakers
- 10:00 a.m. – 10:45 a.m. ~~~ Coffee Break ~~~ Sponsored by **NeuraMetrics**
- Session 3**
11:00 a.m. – 11:30 a.m. **Level Measurement, When to Use Radar, When to Use Ultrasonic Measurement Technology**
T. Sonnier, Siemens Energy & Automation
- Session 4**
11:30 a.m. – 12:15 p.m. **Passaic Valley Sewerage Commissioners Improve PLC Programming by Using Dynamic Real-Time Computer Simulation**
Paul Cavanagh, PE, CEM, Passaic Valley Sewerage Commissioners
- 12:15 p.m. – 1:30 p.m. ~~~ Break for Lunch ~~~
- Session 5**
1:30 p.m. – 2:00 p.m. **Social Media and Its Effect on the Water & Wastewater Industries**
Jon DiPietro, Bridge-Soft
- Session 6**
2:00 p.m. – 2:30 p.m. **SCADA Cyber Security-defense In-depth Approach**
Jim Redifer, Rockwell Automation
- Session 7 & 8**
2:30 p.m. – 3:00 p.m. **Taking Your SCADA System Into the Future Tutorial**
Eric Jordan, Alpha Valve & Controls, Inc.
- 3:00 p.m. – 3:15 p.m. Q&A Session-afternoon speakers

Attendee Reception to follow final presentation
Program subject to change.



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Thursday – 6 August, 2009

- 7:30 a.m. – 8:00a.m. Registration
- 7:55 a.m. – 8:10 a.m. Opening Remarks ~ 2009 ISA President- Dr. Jerry Cockrell
- Session 1**
8:10 a.m. – 8:45 a.m. **Can Cellular Telemetry Compete with Private Radio?**
Curt Wendt, Camp Dresser & McKee, Inc.
- Session 2**
8:45 a.m. – 9:30 a.m. **Proper Selection of Gas Monitoring Equipment for Your Plant**
Jim Scelfo, Industrial Scientific Corporation
- 9:30 a.m. – 9:45 a.m. Q&A Session-Morning Speakers
- 9:45 a.m. – 10:15 a.m. ~~~ Coffee Break ~~~ Sponsored by **NeuraMetrics**
- Session 3**
10:15 a.m. – 10:45 a.m. **Unique Flow Measurement Challenges for Large UV Systems**
John Trofatter, Accusonics
- Session 4**
10:45 a.m. – 11:15 a.m. **The Revival of Ion Selective Electrode Applications to Clean Up Dirty Water in Wastewater Treatment Plants**
Robert Lagrange, Endress & Hauser
- Session 5**
11:15 a.m. – 11:30 a.m. **Achieving Significant Energy Reduction on a Full Scale SBR Using Advanced Control Techniques**
Andrew Fairey, City of Charleston CPW
- 11:30 a.m. – 12:00 ~~~ Break for Lunch ~~~
- Session 6**
1:00 p.m. – 1:30 p.m. **Intelligently Measuring Flow in Water & Wastewater plants, and Doing What Needs to be Done to Keep the Equipment Working**
Jeff Smith, Primary Flow Signal
- Session 7**
1:30 p.m. – 2:30 p.m. **Work Place Excellence “You can Measure the Results”**
Nick Negoies, nicknegoies@aol.com, Consultant
- 2:30 p.m.– 3:00 p.m. Afternoon break/exhibits
- Session 8**
2:30 p.m.– 3:00 p.m. **Lesson Learned: The Town of Manchester, CT, Upgrades its Main PLC Software to Comply with IEC 61131-3 Standard**
Robert Duzsa, Town of Manchester, CT, Water & Sewer Division
- 3:00 p.m.– 3:30 p.m. Wrap-up and closing remarks

Program subject to change.