

ISPE Boston Area Chapter:

Dual-track Seminar on Process Automation & Control

Track 1: Introduction to Automation in Life Sciences
Track 2: Advanced Process Control for Greater Profitability

Thursday, January 20, 2011

Hyatt Regency Cambridge

575 Memorial Drive
Cambridge, MA 02139



**Boston Area
Chapter**

ENGINEERING
PHARMACEUTICAL
INNOVATION

TRACK 1:

Introduction to Automation in Life Sciences

The field of automation is loaded with buzzwords and acronyms like I/O, PLC, HMI, DDS, BMS, PID loops, busses, etc., which are widely used in the industry, but can create confusion. You may think that automation matters little to you in your job, but you would be surprised at how much of a role it plays in your daily life. Regardless of whether you are involved in an entry level automation position or just want to understand the topic better, this session will give you the core knowledge that you need to understand automation.

Attendees will learn that all systems, regardless of how complicated or proprietary they are, utilize the same basic building blocks. Control concepts such as PID loops, open and closed loop control, automation terminology, communication architecture, and process monitoring and control functions will be covered. The audience may also have the opportunity to see some of the hardware involved with some control functions and processes.

SPEAKER:

Tim Alosi, VP of Operations Management & Intelligence, New England Controls, Inc.

Tim Alosi graduated from MIT with a BS in Chemical Engineering in 1990. He has been with New England Controls since 1993 and is currently responsible for Data Management and MES applications. Tim's passion is driving operational improvements through effective use of technology. He has been a visionary in the Process Automation world and participates in several Process Control forums featuring an array of controls and vendors.

TRACK 2:

Advanced Process Control for Greater Profitability

Advanced control systems have been utilized in refineries, pulp and paper factories, and chemical plants to reduce variability, streamline processing, minimize waste, and increase profits. However, our industry has some unique requirements and standard modeling does not always yield the desired results. Advanced control systems such as Neural Networks, fuzzy logic, etc. are gaining success in demanding applications at local biotech facilities. Leading companies in the area have optimized some of their most complex applications with the use these of advanced control systems.

Attend this advanced session to learn why alternative advanced controls systems were sought, their potential applications, how they were integrated into existing control systems, their impact on documentation and validation, the return on investment, and more during this lively discussion.

SPEAKERS:

Joe Kauten, Lonza Biologics, Inc.
James Heimbach, Lonza Biologics, Inc.

MEETING MANAGERS:

Tim Schmidt, New England Controls, Inc.
Rami Mitri, Spectra Automation, Inc.
Paul Doherty, CRB Consulting Engineers

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PROGRAM SCHEDULE

Registration: 5:30 PM – 6:00 PM
Networking Reception: 5:30 PM – 6:30 PM
Presentations (Track 1 and Track 2 run concurrently): 6:30 PM – 8:30 PM

REGISTRATION FEES:

| | Registration by 1/13/11 | After 1/13/11 |
|-----------------|-------------------------|---------------|
| Members | \$30 | \$40 |
| Non-Members | \$50 | \$65 |
| Student Members | \$5 | \$10 |

REGISTRATION IS NOW OPEN ONLINE!

Don't waste time filling in the form! Register online at www.ISPEBoston.org/Events.
Pay by credit card OR check.

I want to sign up for Track 1: OR Track 2:

Name: _____ Title: _____

Do you wish to opt out of being listed on the attendee roster:

Company: _____ Member #: _____

Address: _____ City: _____ State: _____ Zip: _____

Tel: _____ Fax: _____ Email: _____

PAY BY CREDIT CARD: Visa MasterCard American Express

Card #: _____ Expiration Date: _____

Cardholder Name (as it appears on card): _____

Cardholder Signature: _____

Payment may be mailed to: ISPE, Boston Area Chapter, 411 Waverley Oaks Road, Suite 331B, Waltham, MA 02452

Telephone: 781-647-ISPE (4773) ☒ Fax: 781-647-7222 ☒ Email: ispe@camihq.com

****PLEASE NOTE: CANCELLATIONS RECEIVED AFTER Jan 13, 2011 ARE SUBJECT TO BILLING****

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DIRECTIONS:

Parking Rate:

\$21.00 for attendees

FROM THE WEST:

From Mass Pike: Take exit 18 - Allston/Cambridge (left hand exit).

Follow the signs for Cambridge. Cross the River Street Bridge, exit right at the end of the bridge onto Memorial Drive. Hyatt is 1/2 mile up on Memorial Drive (Route 3) on the left hand side. Turn left at the traffic light to access our Cambridge Hyatt entrance and parking garage.

FROM THE SOUTH:

From I-93: Take exit 26 - Storrow Drive/Back Bay/Cambridge.



Stay in the right lane (Storrow Drive). Go 3/4 mile and take second exit on left, Government Center/Kendall Square. Go up the ramp and stay in the right lane. Turn right at the stop sign; go across the Longfellow Bridge. Take the first right off bridge and turn onto Memorial Drive (Route 3). Stay on Memorial Drive approximately 1 mile on right, at light turn right. Hyatt is on your left.

FROM THE NORTH:

From I-93 or Route 1: Take exit 26 - Storrow Drive and follow "FROM THE SOUTH" directions.

FROM LOGAN INTERNATIONAL AIRPORT:

Follow signs to the Mass Turnpike: 90 Boston/Williams Tunnel. Pay toll upon exiting airport. You will be heading West on 90. From 90 West, take exit 20 Brighton/Cambridge (pay another toll). Out of the toll booth, bear right following sign for Cambridge/Somerville exit. From this exit ramp, stay straight through two lights and cross over the bridge. Just over the bridge, turn right at the light onto Memorial Drive. Stay in the left lane. Continue up/over overpass keeping in left lane. At the first light on Memorial Drive make a left and then another quick left into the Hyatt front circle.