

ISPE Boston Area Chapter Presents:
**An Industrial Wireless Network:
What It Is and How It's Done**

Thursday, December 10, 2015

5:30 pm to 9:00 pm

Pfizer

1 Burt Road, Andover, MA 01810

If you cannot attend this program, please see last page for re-showing information

EVENT INFORMATION:

Industry Experts from New England Controls and Pfizer have teamed up to present industry trends and real-world applications of industrial wireless networks. Don't miss this unique opportunity to learn, exchange ideas, and network with automation professionals who are leading the adoption of industrial wireless infrastructure. And, as an added bonus, representatives from Pfizer are hosting a tour of the manufacturing operations at the Pfizer Andover Manufacturing Facility. This ISPE MEMBER ONLY tour will give participants a behind-the-scenes view at one of Metro Boston's preeminent biomanufacturing facilities. Tour participation is limited to the first 60 attendees, so register now!

PROGRAM SUMMARY:

This evening's program will be presented by two esteemed automation professionals: Kristin Scharf, Reliability Technology Consultant at New England Controls, and Erik Westberg, Senior Automation Engineer at Pfizer. Mrs. Scharf will begin by discussing the increasing adoption of wireless technologies in manufacturing environments. Her presentation will cover current use of both "Wireless Field Networks" (sensors on processes and on equipment) and "Wireless Plant Networks" (alternative to hard-wired Ethernet or Fiber Optic infrastructure) in Life Science Manufacturing Facilities. Industry trends and specific applications will be addressed. Future trends will also be discussed, including "Industrial Internet of Things" (IIoT) and "Industry 4.0." Mr. Westberg's presentation will focus on the design, implementation and validation of the wireless Ethernet network used in Pfizer's Andover Manufacturing Suites. An overview of the control system network layers, components and functionality will provide the audience with a background in the I/O, PLC, and SCADA layers of the installed control system. Mr. Westberg will review the system requirements that led to the design of the wireless ethernet network and the risk identification and mitigation strategy that was part of the overall installation and validation approach. His talk will conclude with a discussion of how the system has been maintained and has changed over time to adapt to additional needs. A question and answer session will follow each program.

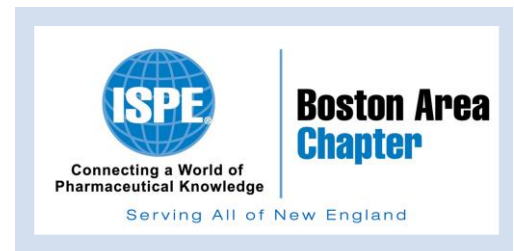
TOUR:

The ISPE Boston Area Chapter is also glad to present a rare opportunity to join a window tour at Pfizer's production facility.

Membership has its privileges!

This tour is open only to ISPE Members and will fill up fast! So register early!

Please check-in before 5:00 and you will be given your tour group schedule. Tours start at 5:15 PM and the last tour leaves at 5:45 PM.



SPEAKERS:

Kristin Scharf, Reliability Technology Consultant, New England Controls

Kristin Scharf has 30 years of instrumentation and automation engineering experience, with the most recent 16 years being at New England Controls, with a focus in the Life Sciences industry. For the last several years, Kristin has been responsible at New England Controls for architecting solutions, providing technical support, executing site services, and training users in the application of Reliability Technologies for facilities management and for manufacturing processes. Kristin is focused on sensing technologies, software, and integration of solutions with process automation systems to improve equipment reliability. A significant part of Kristin's recent work has involved using current wireless technologies to simplify and automate equipment reliability through use of online condition monitoring. Kristin is a graduate of the University of Wisconsin, Madison.

Erik Westberg, Senior Automation Engineer, Pfizer

Erik received a Bachelor's of Science in Electronic Engineering Technology from New England Institute of Technology. He started working for Automatech in May of 2002 where he worked as a contract engineer primarily responsible for PLC and SCADA programming, and commissioning and validation support. In December of 2006, Erik began working for Wyeth Biotech, now Pfizer, as an automation engineer. While expanding his knowledge of the existing systems he worked on many projects to expand and improve multi-product capabilities in a new Pfizer building expansion. A few of these projects included design of new equipment control systems, installation of plug and play skids, installation of a centralized messaging routine in a PLC control system, conversion of SCADA workstation to thin clients, as well as many others.

MEETING MANAGER:

Howard Sneider, CRB Consulting Engineers

***If you cannot attend this program, you are invited to our Re-Showing:**

Thursday, December 17, 2015

5:30 pm to 9:00 pm

RE-SHOWING OF 12/10 PROGRAM AT

Crowne Plaza Hotel Providence - Warwick

801 Greenwich Street, Warwick, RI 02886

AND AT

WPI Biomanufacturing Education and Training Center at Gateway Park

50 Prescott Street, Worcester, MA 01605

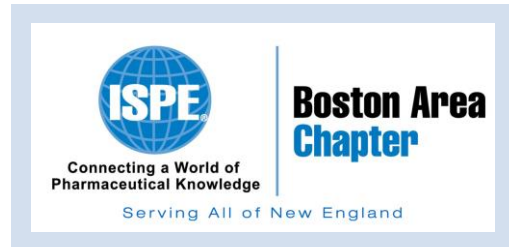
ISPE Boston Area Chapter Presents:
**An Industrial Wireless Network:
What It Is and How It's Done**

Thursday, December 10, 2015

5:30 pm to 9:00 pm

Pfizer

1 Burt Road, Andover, MA 01810



PROGRAM SCHEDULE:

- 5:00 – 5:15 PM Tour Registration
- 5:30 – 6:30 PM Registration and Networking Reception
- 6:30 – 8:30 PM Presentations
- 8:30 – 9:00 PM Additional Q&A Session

THANK YOU TO OUR PROGRAM SPONSOR



REGISTRATION FEES:

	Registration by 12/3/2015	Registration After 12/3/2015
<input type="checkbox"/> Members	\$50	\$60
<input type="checkbox"/> Young Professional Members	\$20	\$30
<input type="checkbox"/> Nonmembers **	\$95	\$115
<input type="checkbox"/> Student Members	FREE	FREE

** Attendees may only attend one program as a nonmember.

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.

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, 465 Waverley Oaks Road, Suite 421, Waltham, MA 02452

Telephone: 781-647-ISPE (4773) ☒ Fax: 781-647-7222 ☒ Email: office@ispeboston.org

****PLEASE NOTE: CANCELLATIONS RECEIVED AFTER DECEMBER 3rd ARE SUBJECT TO BILLING***

ISPE Boston Area Chapter Presents:
**An Industrial Wireless Network:
What It Is and How It's Done**

Thursday, December 10, 2015

5:30 pm to 9:00 pm

EVENT LOCATION:

Pfizer

1 Burtt Road, Andover, MA 01810

DIRECTIONS:

From the North

Follow I-93 S to Frontage Road in Andover. Take exit 42 from I-93 S. Turn left onto Dascomb Road. Turn right on Clark Road and take your second right onto Andover Street. Cross the river and take a right onto River Street. Follow until Lowell Junction Road and take a right. Lowell Junction Road turns into Burtt Road, and Pfizer will be on your left.

From the South

Follow I-93 N and take exit 41 for State Route 125 toward Andover/N Andover. Turn right onto MA-125 N/Ballardvale Street. Turn left onto Ballardvale Street. Ballardvale Street turns into River Street. Turn left onto Connector Road. Turn left onto Lowell Junction Road. Lowell Junction Road turns into Burtt Road, and Pfizer will be on your left.

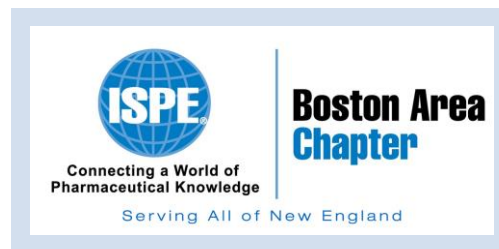
From the East

Follow MA-128 S toward Boston. Take exit 22 toward MA-62 W/Hwy 62/Elliott Street. Turn right onto MA-62 W/Hwy 62/Elliott Street. Turn right onto MA-114 W. Turn left onto Harold Parker Road. Turn right onto Middleton Road. Continue straight onto Salem Street. Turn left onto Wildwood Road. Turn left onto MA-28 S and take your first right onto Ballardvale Road. Turn right onto Woburn Street and take your first left onto Andover Street. Turn left onto Rive Street. Turn right onto Lowell Junction Road. Lowell Junction Road turns into Burtt Road, and Pfizer will be on your left.

From the West

Follow I-495 N and take exit 40A to merge onto I-93 S towards Boston. Take exit 42 from I-93 S. Turn left onto Dascomb Road. Turn right on Clark Road and take your second right onto Andover Street. Cross the river and take a right onto River Street. Follow until Lowell Junction Road and take a right. Lowell Junction Road turns into Burtt Road, and Pfizer will be on your left.

For door to door directions, click [HERE](#).



THANK YOU TO OUR PROGRAM SPONSOR

