



# Save the Date

Chapter Meeting  
December 9, 2015

Meeting Location: The Barley House  
665 Commerce Street  
Thornwood NY 10594

5:30 - 6:30PM Arrival and Networking  
6:30 - 7:30PM Presentation  
7:30 - 9:00PM Networking and Awards

**1 PDH Credit**

\$25 Members, \$30 Non-Members  
**\$20 reduced rate for membership  
appreciation or bring a gift  
for "Toys for Tots"**

*Walk-ins and General Public Welcomed*



## Building Automation Systems in 2015

This presentation looks at where the BAS industry has been, the standards that have emerged, the architecture and components of building automation systems today, how shifting demographics and BAS users are changing user interface requirements, and the convergence with developments in the Information Technology industry. This presentation will provide an overview of BAS protocols and the underlying technologies that support the growing integration of BAS into the IT industry, Big Data Analytics, the Internet of Things, and the User Experience, and will focus on the changes, challenges, and opportunities for people who design, commission, manage, and maintain buildings and building management systems.

**Joseph H. Klotz** Much of Joe's career has been focused on using technology to drive sustainability and energy savings in large facilities. Joe has been in the HVAC / BAS industry since 1981 as a facilities manager, public facilities director, international business manager, and CEO of a BAS manufacturer. Joe graduated from the University of Alaska Fairbanks with a BS in Natural Resources Management. His work and responsibilities at Johnson Controls include supporting Systems Products marketing and sales for critical control, energy management, and sustainability projects. Joe is an ASHRAE member, and a past member of the Association of Energy Engineers.



Sponsored by:

**Johnson  
Controls**



See [www.ashraebistate.org](http://www.ashraebistate.org) for more information or call Jim Dolan @ 914 919-3106

RSVP to

[ashraebistateRSVP@olace.com](mailto:ashraebistateRSVP@olace.com)