

ASSOCIATION OF ENERGY ENGINEERS - NEW ENGLAND



NEW ENGLAND ENERGY NEWS

March 2010 Newsletter

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Control Systems Integration - March 3rd

On Wednesday, March 3rd, AEE New England will provide a presentation on **Control Systems Integration**. The speaker will be Mr. James M. Sinopoli, PE, RCDD, LEED AP of Smart Buildings LLC, of Austin, Texas.

The presentation will cover control systems integration, including the different levels of integration, the rationale for integration and recent activity in the marketplace regarding control system integration products and services. The financial benefits of integration as well as the potential changes for building design, contractor deployment and system management will be addressed as well. Also discussed will be the role of systems integration in deploying an Energy Management System, including the emergence of software tools for building system analytics and "continuous commissioning". A case study of the State of Missouri, as well as ongoing projects at major healthcare and a high technology company will be covered.

**Attendees will receive .1 CEU's through the AEE New England Chapter*

Doubletree Guest Suites Hotel

550 Winter Street - Exit 27B off Route 128 (I-95)
Waltham, MA

- 4:30 Open AEE Board Meeting
- 5:30 Registration and Networking
- 6:30 Dinner and Presentation
- 8:30 Close

Please register and pay on-line using PayPal at <http://aenewengland.org>, or email to: info@aenewengland.org.

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About the speaker. For over 25 years, Jim Sinopoli has worked extensively on projects involving the design, construction and operation of buildings and building systems. This has involved the configuration and optimization of building technology systems, facility management and operations. Mr. Sinopoli is the Managing Principal of Smart Buildings, which provides engineering and consulting services for the design and operation of integrated building technology systems. His background is in construction practices, design, procurement, project management, account management, and building systems and operation, with a particular focus on monitoring and managing a building’s performance.

Mr. Sinopoli has spoken on numerous occasions at conferences and seminars focusing on building management and technology systems including AIA, BOMA, Builconn, Realcomm, BICSI and CEFPI conferences. He is a contributing editor for the web site AutomatedBuildings.com, and has written for many industry publications worldwide. Mr. Sinopoli has received the international “Harry J. Pfister” award from the Building Industry Consulting Service International (BICSI). His most recent publication is a book titled “Smart Buildings Systems for Architects, Owners and Builders”.

\$40.00 per person

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2009-2010 AEE New England Chapter Future Meeting Topics
(subject to change)

| Date | Topic | Program Manager |
|------------|--------------------------------|----------------------------|
| Mar. 3rd | Control System Integration | Gregg Snyder, Brian Crafts |
| Apr. 7th | Emerging Technologies | Gregg Snyder, Dan Wheatley |
| May 5th | Site Tour w/ Topic - Budweiser | Rich Costello |
| Jun. - TBD | Golf Outing | Joe Hall |

We now have an AEE NE Group on **LinkedIn**. To join the group you must be a member of LinkedIn. Check our group out at http://www.linkedin.com/groups?home=&gid=2280514&trk=anet_ug_hm

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Ron Gillooly
Chapter President
Greetings – March 2010

Twenty years ago if you worked at the utility and suggested they provide incentives to help customers install CHP you would have been labeled a kook and banished to a life counting street lights. My, how times have changed! The dedicated utility “cogen buster” has gone

the way of the dinosaur and is now extinct. During our annual utility program and chapter awards night we learned not only are energy efficiency budgets increasing at an unprecedented rate, but they are also providing incentives for CHP as part of a comprehensive portfolio of programs for gas and electric end uses.

In Massachusetts, which has several major utilities serving overlapped areas, energy service professionals were faced with multiple programs that were not always consistent. These inconsistencies lead to confusion working with customers across multiple service territories. The MA programs now have a consistent format and incentives that should enhance the delivery process for all those involved. They also have a **new statewide website** in the works where you can find all of the information you need at www.masssave.com. **Look for its release in March!**

Jim Armstrong once again did a fine job coordinating our annual chapter “Project Awards Night”. The awards offered us an opportunity to acknowledge our peers and customers who have taken the time and effort to provide creative, comprehensive and cost effective efficiency and renewable energy solutions for their organizations and customers.

Our next meeting “Control System Integration Night” will offer attendees the opportunity to receive CEU’s for the first time at one of our local chapter meetings. Our last two programs have “sold out” so be sure to register early! We look forward to seeing you on March 3rd.

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PLEASE READ ... The due date for submissions to the next Newsletter is **March 12th.**

My secret formula is to pick the Friday of the week following our meeting, so, Apr 16, May14 are the upcoming due dates for newsletter submissions.

Hope to hear from you all **ON TIME!**
Thanks, Roger Goldman CEM - <mailto:energyguy@verizon.net>

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Job Announcement

**Sebesta Blomberg
Energy Performance Engineers**

Sebesta Blomberg has immediate openings in its “Energy Performance Services” Center of Excellence for Energy Performance Engineers. This position is responsible for working independently to conduct facility site surveys and energy cost savings analysis. In addition, the incumbent will identify energy conservation opportunities and develop energy management plans for clients. The Energy Performance Engineer will Identify and evaluate energy efficiency measures through energy audits and data review (mechanical, architectural, electrical). In addition, the engineer will conduct energy focused retro-commissioning studies. The Energy Performance Engineer will provide energy consulting services in institutional, government, industrial and commercial facilities. The successful candidates will have 3+ years of progressive Energy Engineering Experience performing energy consulting, energy engineering, energy audits, and energy project development services. In addition the successful candidate will have demonstrated:

1. Working knowledge of all energy services and systems
2. Excellent verbal and written communications
3. Strong customer interface
4. Mechanical Engineer, or similar engineering bachelors degree
5. HVAC Design/ Operations Experience
6. Energy modeling (Equest) expertise a plus
7. PE a plus
8. CEM a plus
9. Energy project implementation experience a plus

Travel: Estimated 10-20 % travel on average
Locations: These positions are located in Boston, Roseville or DC.

Interested applicants may apply at: <http://careers.sebesta.com> Or, email resume and salary requirements to mpeters@sebesta.com

Upcoming Events From Outside Organizations
(subject to change)

ASHRAE Boston: Research & Promotion Night

March 9, 2010, 5:30 – 8:00 PM **Waltham, MA**

Topic: Computational Fluid Dynamics Analysis for Building Comfort Systems Design

Speaker: Daniel Nall

Location: Doubletree Guest Suites Hotel, 550 Winter St.

Contact: Joshua Benoist Joshua.benoist@autodesk.com (603) 206-9122

Cost: \$45 (if not ASHRAE member)

Website: <http://www.ashraeboston.org/chapterupdates/calendar.html>

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Michael Soper
Product Marketing Manager
978-795-1285

Prism Energy Services

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617-328-9896

AFE #33: MIT

March 25, 2010, 5 PM - 8 PM **Cambridge, MA**

Topic: TBD Speaker: TBD

Location: TBD

Contact: Dan Mahr 508-366-1449, ext. 214 dmahr@aalanco.com

Cost: \$35 (if not AFE member)

AFE #37: NUVERA Fuel Cells

March 23, 2010, 6 PM - 8:30 PM **Billerica, MA**

Topic: Building Performance Management Speaker: Allen Consulting

Location: 129 Concord Road

Contact: Jeff Myrdek 617-455-2029 Chapter37@afe.org

Cost: AFE member - \$30, not member \$35

AFE #74: US Post Office Distribution Center

March 18, 2010, 5:30 PM 8:30 PM **Shrewsbury, MA**

Topic: Electric Motors Speaker: Don Juozaitis

Location: 43 Maple Ave.

Contact: Tom Wall 508-793-8877 twall@clarku.edu Cost: \$35 (if not AFE member)

**Massachusetts Technology Collaborative (MTC)
Programs for Business & Individuals**

<http://masstech.org/>

Massachusetts Energy Efficiency Partnership (MEEP)

ASHRAE/DOE Data Center Energy Efficient Workshop

March 3, 2010, 7:30 AM – 4:30 PM **Westwood, MA**

Speaker: Roger Schmidt & Don Beaty of ASHRAE

Location: One NSTAR Way

Registration: <http://www.maeep.org/events.cfm?recID=129>

For more information: contact Roseann Brusco, roseann.brusco@nstar.com, or 781-441-8745

Cost: \$100 – \$150 per person

<http://www.maeep.org/>

BuildingEnergy10

March 9 – 11, 2010, 8:30 AM – 9 PM **Boston, MA**

Location: Seaport World Trade Center, One Seaport Lane

Registration: <http://www.nesea.org/buildingenergy/conferenceregistration/>

Cost: \$30 – \$645

Residential Design and Construction 2010

April 14-15, 2010, 11:30 AM – 6:30 PM **Boston, MA**

Location: Seaport World Trade Center, One Seaport Lane

Registration: <http://www.rdcboston.com/ResPlus/RDC/>

Cost: \$0 – \$600

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978-436-8128

RISE Engineering

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Trigen Boston

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617-482-8080 x326

Trumbull Campbell Associates

Tom Trumbull
978-225-2054

Tunstall Corporation

T.P. Tunstall, *President*
413-594-8695

Building Operator Certification (BOC – Level-1)

Location: Worcester, MA (April 7, 2010 – July 8, 2010)

Cost: \$1,375

Contact: Sarah Dagher – 978-974-9475 daghers@comcast.net

http://www.theboc.info/ne/schedule_ne.html

The Green Roundtable

Location: 38 Chauncy St., 7th floor, **Boston, MA**

<http://www.nexusboston.org/>

Contact: 617-374-3740 events@greenroundtable.org

March 3, 2010, 12:30 – 1:30 PM

Topic: Lunch and LEED: Become a LEED Green Associate

Cost: free

March 16, 2010, 8:30 AM – 12:30 PM

Topic: NZE 421: Building Envelope Concepts & Analysis (LEED CMP)

Cost: \$150 – \$200

March 17, 2010, 8:30 AM – 5:30 PM

Topic: NZE 511: Modeling Daylighting & Electric Lighting (Ecotect & DIALUX) (LEED CMP)

Cost: \$395 – \$495

April 1, 2010, 1:30 – 5:30 PM

Topic: NZE 422: High Performance Building Envelope Design Strategies & Emerging Technologies (LEED CMP)

Cost: \$150 - \$200



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