

# 2014 NCBC



# JOIN US

May 19-21, 2014 | Hartford, Connecticut



[www.bcxa.org/training/ncbc](http://www.bcxa.org/training/ncbc)





# NCBC2014

## 22<sup>nd</sup> National Conference on Building Commissioning

We are excited to bring the 2014 National Conference on Building Commissioning (NCBC) back to the Northeast. The 22<sup>nd</sup> annual NCBC takes place on May 19<sup>th</sup>-21<sup>st</sup> at the Connecticut Convention Center in downtown Hartford, Connecticut. The complex – publicly owned Connecticut Convention Center and Connecticut Science Center, Hartford Marriott Downtown Hotel, and a central utility plant that serves all three buildings – underwent two years of major Existing Building Commissioning, completed in 2014 through the Northeast Utilities/Connecticut Light and Power RCx Program, our host sponsor. The Hartford Marriott, our Conference hotel, is next door to the Connecticut Convention Center where days of NCBC conference presentations and events will take place.

The BCA also invites you to come early enough to attend the BCA Annual Meeting and Dinner on May 19<sup>th</sup>, and take some time to discover the Science of Commissioning at the Hartford Science Center.

NCBC gathers leaders in the building performance industries to exchange knowledge and experience with the latest commissioning technologies and services, stimulating presentations, and meaningful professional networking. NCBC provides the forum for advancing state-of-the-art building commissioning and the professionals who deliver it. Participants share and compare cost-effective processes for optimizing building performance, reducing energy use, and improving indoor air quality, occupant comfort, and productivity.

Whether you purchase commissioning services or provide them, this conference is a must-attend!

### Who Attends NCBC?

- Architects
- Building Owners
- Commissioning Authorities
- Controls Contractors
- Construction Contractors
- Mechanical Contractors
- Design Engineers
- Facility Manager
- Policymakers
- Utility Representatives

## Day 1

### Annual BCA Scholarship Foundation Golf Tournament

MONDAY, MAY 19, 2014 – 8:00 AM to 2:30 PM

Last year at NCBC in Denver, we introduced the concept of an Annual BCA Golf Tournament to create a nonprofit Scholarship Foundation to support students and young professionals who want to enter the field of commissioning. After that first successful event, and a year's worth of hard work, we are now developing the BCA Scholarship Foundation as a 501(c)(3) nonprofit corporation to allow for tax-deductible events and contributions.

For the second year in a row, the Annual BCA Scholarship Foundation Golf Tournament will take place in conjunction with NCBC at the Blue Fox Run Golf Course facility in Avon, Connecticut. Test your accuracy with Blue Fox Run's fairways, water hazards and sand traps; they have everything you need to challenge you and improve your game. All in all, their goal is to provide you with a quality golf experience that includes exceptional service and a comfortable atmosphere.

The tournament format will be the same as last year: a traditional scramble with shotgun start at 9:00 AM. Along with the usual prizes for Lowest Team Score, Highest Team Score, KP (Men's and Women's) and Longest Drive (Men's and Women's), there will be some creative and fun wrinkles on advancing the ball in certain situations, and a one-time opportunity to get creative with scorekeeping.

The emphasis will be on FUN in supporting the purpose of the tournament – raising money for the BCA Scholarship Foundation. Please join us for a lively event in a magnificent setting for this worthwhile cause.

**\$100** per person, includes lunch

### Half Day BECx Workshop

MONDAY, MAY 19, 2014 – 1:00 PM to 5:00 PM

#### Integration and Scope Development For Building Enclosure Commissioning

The half day course will focus on helping Owners and Cx Providers understand the building enclosure commissioning process (BECx)

- How BECx differs from Cx for MEP systems
- How to determine the BECx scope of work
- How the owner might assess risk
- Project team roles and responsibilities
- BECx requirements in LEED v4 and in ASHRAE Standard 202 "The Commissioning Process for Buildings and Systems"

**\$200**

### BCA Annual Meeting and Dinner - JOIN US

MONDAY, MAY 19, 2014 – 6:00 PM

This year's annual meeting dinner is open to members and non-members, and will be held at the Connecticut Science Center, the exciting nine-story museum conveniently located next to the Connecticut Convention Center and Marriott Downtown in Hartford, Connecticut.

The evening will begin with Happy Hour on the main floor, where you can mingle and enjoy the 150 hands-on exhibits featuring energy, physics, inventions, space travel and more. Afterward, we will give a short presentation, "The Science of Commissioning," in the Center's state-of-the-art 3D digital theater, along with an 'experiment' to test your commissioning science knowledge!

The evening will continue with dinner on the fifth floor overlooking the Connecticut River. Our annual meeting and dinner at the Connecticut Science Center gives you an opportunity to catch up with old and new friends surrounded by a one-of-a-kind, fascinating and fun-filled atmosphere.

**\$75** Early Bird | **\$85** After April 28, 2014

7:30 a.m. - 8:30 a.m.

Registration/Continental Breakfast

8:30 a.m. - 10:00 a.m.

**Welcome to NCBC 2014 - Bill McMullen, BCA President | Keynote Address by Penni McLean-Conner, Senior Vice President & CCO - Customer Group, Northeast Utilities**

10:00 a.m. - 10:30 a.m.

Break

10:30 a.m. - 12:00 p.m.

### Specifications and Specifics: Maximizing Value in Design-Phase Cx

- Rick Vance, CxA, CEM, LEED AP BD+C, Viridian
- Bruce Pitts, CPMP CSBA LEED AP BD+C;
- Jeff Yirak, PE LEED AP BD+C, O+M and;
- Richard Juntunen, PE, LEED AP, Wood Harbinger, Inc.

### The Human Side of Cx

- Eileen Westervelt, PE, CEM, QCxP, LEED AP, UIUC-SEDAC
- Michael Dooley, PE, LEED AP, CEM, CCP, AKF Engineers, LLP
- Robert J. Falaguerra, Saint Francis Hospital and Medical Center

### Overview NU Conservation Programs and other Interesting Opportunities

- Justin Marmaras, Northeast Utilities
- David McIntosh, CEM, EBCP, Northeast Utilities

### Free Energy Data Tools for Cx

- Reinhard Seidl, PE, Taylor Engineering
- Wayne Saya, CPE, Association for Facilities Engineering

12:00 p.m. - 1:30 p.m.

Lunch in the Exhibit Hall

1:30 p.m. - 3:00 p.m.

### Methods for Achieving Designed Performance

- Jesse Sycuro, PE, CEM, McKinstry
- Phil Jordan, PECl

### EBCx Case Studies - Proving its Value

- Michael English, PE, CCP, LEED AP, Horizon Engineering Associates, LLP
- Eveline Killian, CEM, Cx Associates

### The Impact of Energy Efficiency Policy: Perspectives from the Northeast

- Laurie Kerr, Natural Resources Defense Council
- John Lee, New York City Mayor's Office
- Alex Kragie, CT Department of Energy and Environmental Protection
- Christina Halfpenny, Massachusetts Department of Energy Resources

### Cloud Based Workflow Software Solutions

- Andrew Stadheim, PE, Building Start
- Michael Kozinets, Facility Grid

3:00 p.m. - 3:30 p.m.

Break

3:30 p.m. - 5:00 p.m.

### Sequences, Integration: Who's in Control?

- Tony DiLeonardo, CxA, LEED AP, Wick Fisher White
- Robert Knoedler, Hanson Professional Services, Inc.

### EBCx of the Connecticut Convention Center Complex

- Dave Vallerie, LEED AP, Strategic Building Solutions
- Michael Costelli, CT, Convention Center
- John Demetrio, CT, Convention Center
- Edward Lane, CT, Science Center
- George Strileckis, Marriott Hartford Downtown
- Roy Gagnon, Strategic Building Solutions
- John Scricca, Northeast Utilities Service Company
- Anthony L. Lazzaro, Jr., Esq. - Capital Region Development Authority
- Darryl Sauro, Central Utility Plant

### Evaluation of Utility EBCx Programs

- Randy Gunn, Navigant
- Erik C. Mellen, Northeast Utilities Energy Efficiency

### Cx Diagnostic Tools

- Scott Ellis, Onset Data Loggers
- TBD

5:00 p.m. - 7:00 p.m.

Exhibitor Reception

# Day 3

WEDNESDAY, MAY 21<sup>ST</sup>

7:30 a.m. - 8:30 a.m.

Registration/Continental Breakfast

8:30 a.m. - 10:00 a.m.

### Cx The Building Enclosure

- Fiona Aldous, Wiss Janney Elstner Associates
- William Nash, PE, Whitlock Dalrymple Poston & Associates, Inc.

### Portfolio Cx Programs

- James Mascaro, PE, CCP, MBP Inc.
- Armando J. de León, Virginia State Corporation Commission
- Tom Ertsgaard, PE, Pennsylvania State University
- Paul Carothers, Pennsylvania State University

### Cx Hospitals

- Michael Della Barba, CBCP, Environmental Health & Engineering, Inc.
- John Villani, PE, CEM, LEED AP, QCxP, Grumman/Butkus Associates

10:00 a.m. - 10:30 a.m.

Break

10:30 a.m. - 12:00 p.m.

### Cx for Energy Performance, A Tale of Two Projects

- Jason Burbank, University of Massachusetts
- Douglas Chamberlin, PE, LEED AP, CCP, EnerNOC

### Cx in the Digital Age: Data, Software and Graphs

- Jonathan Schoenfeld, PE, kW Engineering
- Ryan Stroupe, Pacific Gas & Electric/ Pacific Energy Center

### Optimizing the BMS to Aid in Cx and Sustain Energy Efficiency

- Saverio Grosso, CEM, CEA, CBCP, EBCP, ENERActive Solutions
- John Penney, PE, John F. Penney Consulting Services, pc

12:00 p.m. - 1:30 p.m.

Lunch in the Exhibit Hall | Keynote Speaker - TBD

1:30 p.m. - 3:00 p.m.

### Ready, Set, Go! Systems Readiness & Training

- Lyn Gomes, PE, LEED AP, kW Engineering
- Barney York, PE, CBCP, RMF Engineering, Inc.

### BIM: Theory, Practice, and Commissioning

- Evan Wyner, PE, CCP, CBCP, LEED AP, Strategic Building Solutions
- Joseph Lorino, PE, New York Presbyterian Hospital
- Igor Starkov, EcoDomus, Inc.

### Persistence through EIS/EMS

- Amber Buhl, PE, PECl
- David McIntosh, CEM, EBCP, Northeast Utilities

3:00 p.m. - 3:30 p.m.

Break

3:30 p.m. - 5:00 p.m.

Town Hall - Closing Plenary

## Join Us!

GOLF TOURNAMENT TO SUPPORT THE BCA SCHOLARSHIP FOUNDATION

MONDAY MAY 19, 2014  
9:00am - 2:30pm  
**Register Today!**

CHECK-IN BEGINS - @ 8:00am  
SHOTGUN STARTS - @ 9:00am

\$100 PER PERSON

SUPPORT AN UPCOMING COMMISSIONING PROFESSIONAL, WIN PRIZES, AND ENJOY A GREAT ROUND OF GOLF!

### QUESTIONS?

CALL 877.666.2292 OR  
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[www.bcx.org/training/ncbc/agenda](http://www.bcx.org/training/ncbc/agenda)



## Exhibitor Technology Showcase and Reception

TUESDAY, MAY 20, 2014

The NCBC Technology Showcase on May 20<sup>th</sup> allows Exhibitors the opportunity to present an in-depth look at their products and services. See agenda for Exhibitor details and presentation schedule at [www.bcx.org/training/ncbc](http://www.bcx.org/training/ncbc) and visit them at the show. At the end of the day, join the Exhibitor Reception for refreshments from 5-7pm.

NCBC's Exhibitor Event is a cost-effective way to build relationships and boost sales. You will generate qualified leads and expand your contact base. We limit the size of the show so attendees don't feel rushed and there's more time to have those important get-to-know-you conversations that lead to sales!

For more information contact: [KHaines@bcx.org](mailto:KHaines@bcx.org) or call toll-free 877.666.2292

## Conference Registration

REGISTER TODAY

### FULL CONFERENCE

- **Early Registration - \$595**
- **Registration (after April 28, 2014) - \$650**

### ONE DAY REGISTRATION

- **Early Registration - \$350**
- **Registration (after April 28, 2014) - \$400**

## Hotel Registration

HARTFORD MARRIOTT DOWNTOWN

- **NCBC Special Rate - \$179** single/double

Special conference rate is available until April 28, 2014 subject to availability. Hotel features include free internet access in guest rooms, a fitness center and spa, and many amenities for a comfortable stay.

200 Columbus Blvd. | Hartford, CT 06103 | 866.373.9806

## Continuing Education Credits

EARN UP TO 10 LEARNING UNITS AT NCBC

BCA is a registered provider in the American Institute of Architects' (AIA) Continuing Education System. Conference attendees may receive education credits based on their individual session or workshop attendance.

# NCBC2014

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## ENDORSEMENTS



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OPPORTUNITIES FOR **NCBC 2014** ARE STILL AVAILABLE

For more information please contact:

Sheri Adams, Member Relations Manager | 971.245.6069 or via email: [sadams@bcxa.org](mailto:sadams@bcxa.org)

Or visit us online: [www.bcxa.org/training/ncbc/sponsors/](http://www.bcxa.org/training/ncbc/sponsors/)



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smart energy choices

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