



Annual Conference

Oct 2-4, 2024

JW Marriott Resort and Spa
Las Vegas, NV

Register Today!

Scan the QR Code Below.



For the full agenda
and speakers visit:
bcxa.org/conference

THURSDAY, OCTOBER 3, 2024

7:30 am - 5:00 pm	Registration & Breakfast		
7:30 am - 7:00 pm	Exhibits Open		
9:00 am - 10:30 am	Conference Opening Session Welcome from BCxA President, Jonathan Vaughan, Page Keynote Presentation: Chuck Mignacco, Exploratorium Benner Award Presentation, Liz Fischer, BCxA		
10:30 am - 11:00 am	Break		
	Track 1. Essentials	Track 2. Building Enclosure	Track 3. Strategies
11:00 am - 12:00 pm	Navigating Success: Integrating Emotional Intelligence (EQ) in Building Commissioning Adam Mangrich, PE, CCP Systems West Engineers Brad Jenks Hoffman Construction	An Airtight Case: Embrace Whole Building Airtightness Testing Ish Keener Sustainable Building Partners	Using Historic Hourly Weather Data to Inform Hydronic Heating Retrofits in Cold Climates Nicole Imeson PL(Eng) Vertica Engineering Inc.
12:00 pm - 1:30 pm	Lunch - Building Awards Presentations		
1:30 pm - 2:30 pm	How to Commission a Building in an Enterprise BAS Environment Jared Arwine Elliot Alvarez Altura	Existing Building Enclosure Cx Advances in M&V Using Novel Technologies Eliot Benor Building Envelope Testing, LLC	Using the NIST Functional Performance Test Module With ASHRAE Guideline 36 Sequences of Operation Michael Galler National Institute of Standards and Technology
2:30 pm - 2:45 pm	Break		
2:45 pm - 3:45 pm	Strategies for Developing a Winning Sequence of Operations Antonio Delise FST Technical Services Dan Forino, PE, CCP Brookhaven National Laboratory	Enhancing Building Performance in Cold Climates: A Focus on Building Enclosure Evaluation Saphron Skinner Willson, P.Eng., QCxP Willson Projects	University / Hospital Steam & Chilled Water Networks – Design, & Construction Best Practices John Vinueza Page Mario Perez JB&B
3:45 pm - 4:00 pm	Break		
4:00 pm - 5:00 pm	CxAlloy	Entuitive	Sponsored Session Available
5:00 pm - 7:00 pm	Exhibit Hall Reception		

FRIDAY, OCTOBER 4, 2024

7:30 am - 9:00 am	Registration & Breakfast		
8:30 am - 2:00 pm	Exhibits Open		
	Track 4. Electrical CX	Track 5. Ventilation	Track 6. EBCx
8:30 am - 9:30 am	FacilityGrid	Sponsored Session Available	BCS ProSoft
9:30 am - 9:45 am	Break & Exhibits Open		
9:45 am - 10:45 am	Commissioning for Occupancy Sensors Daniel Salinas, LC, IES Salinas Lighting Consulting	Outside Air Ventilation in Existing Building Commissioning: 2024 Scott Fielder Evergreen Telemetry	Benchmarking, Calculating Energy Usage & Potential Savings Kevin Thurston, P.Eng., CCP, CEM, CMVP Thurston Engineering Services, CCF
10:45 am - 11:00 am	Break		
11:00 am - 12:00 pm	Electrical Commissioning Greg Rhodes Vidal Solideo MMR Group, Inc.	Keeping up with Ventilation - The Impact of Covid Post-Pandemic Janelle Griffin, PE, LEED AP RTI International	Developing and Executing an EBCx Plan for a Mission Critical Data Center Jeremy Bartlett, CCP, CxA, CQM Johns Hopkins University Applied Physics Laboratory
12:00 pm - 1:30 pm	We need to discuss Monitoring-Based Commissioning: How is it really being implemented, and why isn't everybody doing it? Moderator: Eliot Crowe, LBNL Sadie Joy, PE, Altura Celeste Cizik, PE, Group 14 Engineers Jane Guyer, PE, Bernhard		
1:30 pm - 2:30 pm	Case Study of a Battery Energy Storage System (BESS): Tips for Commissioning Providers Joe Dietrich, PE Rosendin Electric	Clearing the Confusion & Smoke with Smoke Control Systems Cx David Leblanc, PE, FSFPE Jensen Hughes	Innovating the next generation of EMIS to streamline EBCx Guhan Velmurugan Jessica Granderson Lawrence Berkeley National Laboratory
2:30 pm - 2:45 pm	Break		
2:45 pm - 4:00 pm	Closing Plenary		

[Learn more about our conference speakers on our website or click here](#)

The BCxA Annual Conference has long been the event to collaborate with your peers in the practice of commissioning and building optimization, learn new techniques, discover new tools, and take actionable ideas back to the office. Your registration fee covers breakfast and lunch on Thursday and Friday and the Exhibit Reception on Thursday night. You can choose from 28 sessions to earn up to 12 AIA Learning Units.

Save your seat and Register NOW!

The BCxA Annual Conference is proud to host this year's events at the **JW Marriott Las Vegas**. Reserve your room on or before September 9, 2024 to receive discounted hotel room rates. **Register Now!**

PRE-CONFERENCE EVENTS

BCxA Charity Golf Tournament – Supporting the Next Generation

7:30 AM – ANGEL PARK

The emphasis will be on FUN in supporting the tournament's purpose – raising money for the BCxA Scholarship Foundation. The tournament format is a traditional scramble with a shotgun starting at 7:30 AM. There will be 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.

Please join us for a lively event in a spectacular setting to support this worthwhile cause. Lunch is included in the cost of golf and, of course, your contribution to the scholarship fund.

Workshop – Identifying and Developing EBCx and OCx Opportunities, or How to Become a Silver Bullet

8:30 AM – 4:30 PM – JW MARRIOTT LAS VEGAS

DAVID SELLERS, PE, FACILITY DYNAMICS ENGINEERING

Most of the hurdles — silver bullets — have already been implemented in terms of improving the efficiency of building systems; motors, lighting, boilers, and refrigeration cycles are not going to become much more efficient than they are currently. To meet upcoming challenges it's going to come down to how well we operate and adapt our facilities to their ever-changing operating requirements. That means this is an exciting time to be involved with commissioning, in particular existing building commissioning and ongoing operations. Becoming a silver bullet means learning how to identify an opportunity based on the field clues and understand how to develop observations into persistent solutions. This workshop will focus on techniques to illustrate the process in a broader sense for you to apply them on your projects.

BCxA Annual Membership Meeting and Dinner

6:00 – 9:00 PM JW MARRIOTT LAS VEGAS

Las Vegas means so many different things to people; there is something for everyone, whether it's the amazing shows, celebrity chef restaurants, high stakes gambling (or even the penny slots), the Elvis weddings, golfing, or the beautiful high mountain desert. At this year's BCxA Annual Member Meeting and Dinner, we want to celebrate our members with a walk down the red carpet to a fabulous meal, a beautiful view of the high desert, and a show you won't forget! It is an opportunity to reconnect with friends and have some fun.



CONFERENCE REGISTRATION FEES

Member Registration	Non-Member Registration
\$795 On or Before 9/9/2024 \$895 After 9/9/2024	\$995 On or Before 9/9/2024 \$1,095 After 9/9/2024

GOLF TOURNAMENT REGISTRATION FEES

October 2, 2024 | Starting at 7:30am

Individual Registration - \$190	Foursome Registration - \$700
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PRE-CONFERENCE WORKSHOP

October 2, 2024 | 8:30 am – 4:00 pm

Member Registration	Non-Member Registration
\$550 On or Before 9/9/2024 \$650 After 9/9/2024	\$650 On or Before 9/9/2024 \$750 After 9/9/2024

ANNUAL MEETING & DINNER

October 2, 2024

6:00 pm – 9:00 pm

Member Registration	Non-Member Registration
\$125 On or Before 9/9/2024 \$150 After 9/9/2024	\$150 On or Before 9/9/2024 \$175 After 9/9/2024

2024 BCxA Annual Conference

Exhibitor Spots Still Available !

WHO SHOULD EXHIBIT AT BCxA CONFERENCE?

- Cx Software Providers
- Building Automation Software Providers
- Lighting Control Products
- Design Tools
- Sensor & Monitor Manufactures
- Equipment Vendors

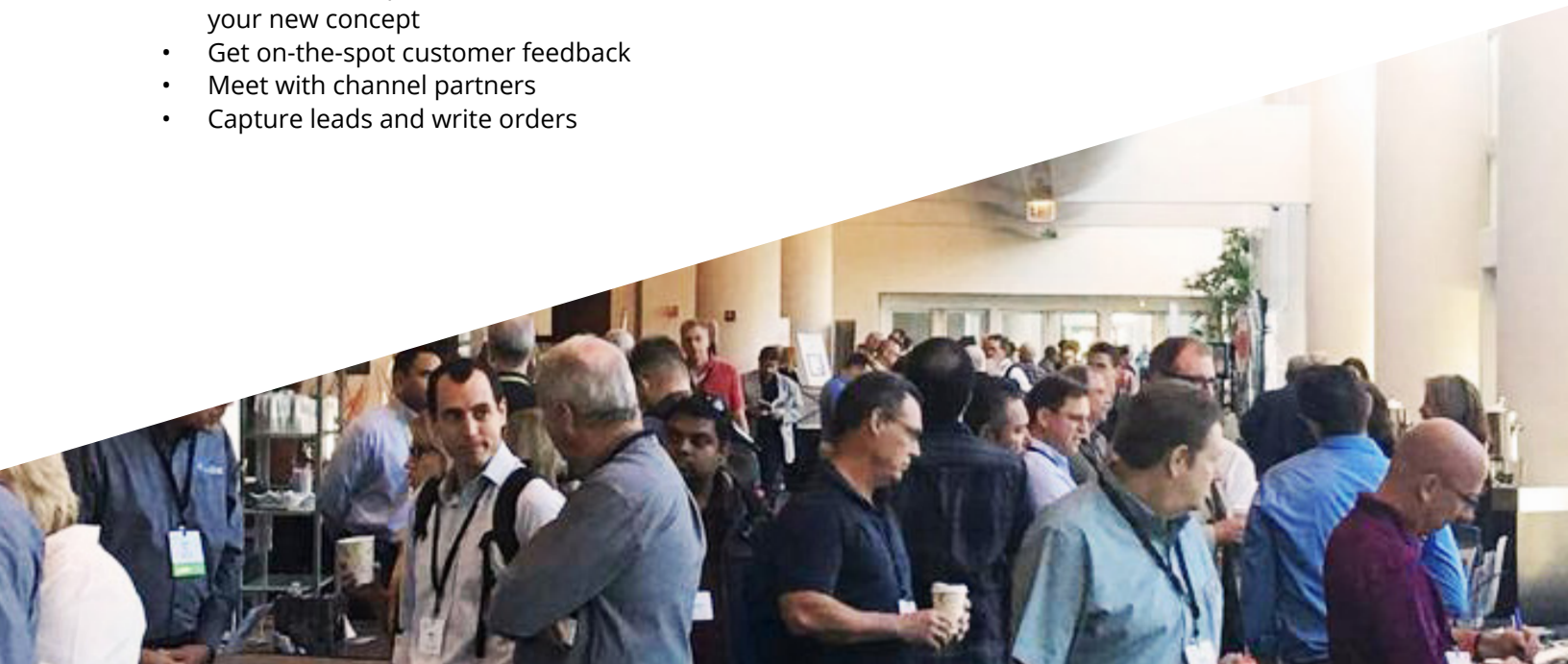
As an Exhibitor you have the perfect opportunity to network, showcase your products and services and build relationships with a diverse audience looking for cutting-edge tools, technologies, and practices for whole building commissioning. This two day event with an Exhibitor Reception on the first day of the conference allows for plenty of opportunities to connect with prospective clients.

BY EXHIBITING YOU CAN:

- Link your URL on the Exhibitor page and receive a direct link to your products and services
- Create or maintain your visibility and brand
- Arrange meetings with new and key customers
- Demonstrate your product capabilities
- Introduce new products or test market your new concept
- Get on-the-spot customer feedback
- Meet with channel partners
- Capture leads and write orders

WHAT IS INCLUDED IN YOUR BOOTH PACKAGE?

- 10 x 10 Booth, (1) 6-foot skirted table, (2) chairs
- One full conference registration
- One-time use of electronic attendee list
- Company listed in Conference App
- Pre or Post conference webinar marketed to all BCxA contacts and also saved to the BCxA YouTube Channel for one year.



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Sponsorship opportunities still available

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REGISTER TODAY - SCAN THE QR CODE

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See you in Las Vegas!**

www.bxca.org/conference