



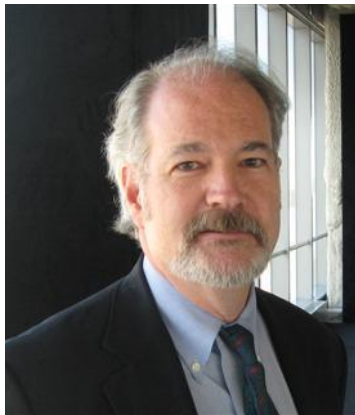
FEBRUARY NEWSLETTER



Big, Smart, and Everything: Data, Technology, Buildings, Cities, and the IoT

Monday, March 20, 2023

R.S.V.P. HERE – Registration closes 03/15



SPEAKER: **Dr. Dru Crawley**
ASHRAE Distinguished Lecturer
Director, Bentley Systems, Inc.

TIMES: 11:45 am Announcements
12:00 – 1:15 pm Presentation & Q&A

LOCATION: Holiday Inn on Rockside
6001 Rockside Road
Independence, OH 44131

This is a joint meeting between Cleveland ASHRAE and AIA chapters.

There is a transformation under way in the world that will fundamentally change how we interact with our technology, buildings and cities. Big data allows us to find trends and causes not clear from our limited data today. Everything is going 'Smart' today – from windows, walls and all the technology in our buildings to communities and cities. With 5G wireless and ubiquitous data sensors soon to be available, every device that collects data can share it – supporting real-time decision-making for controls, utility grids, buildings, traffic, and transportation. Imagine dozens of sensors ensuring our comfort in our workplaces while optimizing energy efficiency and sustainability. This presentation describes the basics of big data, IoT, and Smart everything and its applications and promise in buildings.

THIS MONTH'S SPONSOR



Links:

Certificates and presentations:

clevelandashrae.org/certificates-and-presentations

Would you like to get more involved in the chapter?

Volunteers are always needed, just contact:

INFO@CLEVELANDASHRAE.ORG

WANT TO BE A SPONSOR?
CONTACT INFO@CLEVELANDASHRAE.ORG FOR MORE INFO!



**CORAL PAIS, PE,
BEMP**

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Greetings, ASHRAE Cleveland Members.

February was an event-filled month as ASHRAE began this month at the Winter Conference in Atlanta. It was encouraging to be part of such a well attended event - there were more than 3,000 attendees at the Technical conference and more than 42,000 participants at the AHR Expo. Resources on Building Decarbonization continue to be released from the ASHRAE Task Force for Building Carbonization and you can find those online at ashrae.org/decarb. If you did not get a chance to attend the Winter conference, I am happy to announce that the Region V Chapters Regional Conference will take place in Akron on July 27th-29th. This is a great opportunity to experience the benefits of a conference – technical sessions, networking, product information – at a local/regional level. See the Newsletter for more details. Now, for our Chapter updates through the Lens of our theme: ENGAGE. EQUIP. ENRICH.

ENGAGE: In February, we were happy to partner with ASPE Cleveland for our Chapter Meeting. We are grateful for their collaboration in our design community, for their support in the selection of our speaker and we recognize them as our Professional Partner of the month. Next month, we are looking forward to collaborating with AIA Cleveland on our Technical Session. We are looking for unique ways to continue our outreach to other organizations in the area – the board was given an idea to collaborate with Engage Cleveland. If you are part of an organization and wish for ASHRAE to partner with you, please don't hesitate to reach out.

EQUIP: ASHRAE Cleveland is built on the legacy of several past presidents and in February, as we remember the Presidents that have shaped our country, we are also grateful for our chapter presidents that have shaped ASHRAE Cleveland for what it is today. Thanks to Fred Hollman, our historian, we remember our first Chapter President Robert Mayer (1915-1916) and our Chapter President 50 years ago was Robert Webber. I am proud to serve as the first woman President for ASHRAE Cleveland and look forward to continuing to elevate our presence here in Cleveland.

ENRICH: I am very excited to announce that Dru Crawley will be our presenter in March. With more than 40 years of experience in energy efficiency, renewable energy, and sustainability, Dr. Crawley has worked in engineering software development, government research, and standards development organizations, as well as building design and energy consulting companies. Dru will bring insights on the technologies at the forefront of our industry. I hope you can be there.

The Board is working hard to finish strong so stay tuned for what we have in store for you the rest of this Spring.

Coral Pais, PE, BEMP
FY 2023
Cleveland Chapter President



TECHNOLOGY AWARDS PROGRAM

ASHRAE REGION 5 TECH AWARDS

The Award form and the rules can be downloaded from this link, [ASHARE Tech Awards, updated June 2022](#)

April 30th is the Region 5 Deadline to submit the Tech Awards entries to Aru Sau, RVC, CTTC – runabha@gmail.com

Winners from the Region will go to the National Level.

Building Owner’s Release is required for 2023 entries for National Level; not required for the Regional submissions.

National Deadline September 1st, 2023

Category – check one and indicate New, Existing, or Existing Building Commissioning (EBCx)

Commercial Buildings	New	Existing	EBCx
Institutional Buildings	New	Existing	EBCx
Educational Facilities	New	Existing	EBCx
Other Institutional	New	Existing	EBCx
Health Care Facilities	New	Existing	EBCx
Industrial Facilities or Processes	New	Existing	EBCx
Public Assembly	New	Existing	EBCx
Residential (Single and Multi-Family)	New	Existing	EBCx



**APRIL 30TH
REGIONAL
DEADLINE**

**ONE YEAR OF
OPERATIONAL DATA
IS NOT REQUIRED
FOR REGIONAL
SUBMISSIONS.**

**SHORT FORM (UPTO
4 PAGES) IS GOOD
FOR REGIONAL
ENTRIES**

**LONG FORM (MAX
10 PAGES) IS
REQUIRED FOR
NATIONAL**

**MAJOR
SIMPLIFICATION ON
THE TECH AWARDS
FORM**

Any questions, please contact
Aru Sau, Reg 5 RVC, CTTC –
runabha@gmail.com or
asau@energy-solution.com



CHAPTER CALENDAR



2023

January 16

High Efficiency Ventilation Systems to Improve Indoor Air Quality

Speaker: Tom McDermott

Location: Holiday Inn on Rockside Rd, Independence

February 20

Ethics and Professional Conduct for Architects and Engineers (Joint Meeting with ASPE)

Speaker: Eric O. Pempus, FAIA, Esq.

Location: Holiday Inn on Rockside Rd, Independence

March 20

Big, Smart, and Everything: Data, Technology, Buildings, Cities, and the IoT

Speakers: Dr. Dru Crawley, ASHRAE Distinguished Lecturer

Location: Holiday Inn on Rockside Rd, Independence

April 17

New ASHRAE Headquarters, Vintage to Net Zero Energy Building

Speakers: Dennis Wessel, PE, ASHRAE Fellow

Location: Holiday Inn on Rockside Rd, Independence

May

TBD



Professional Partner of the Month

John A. Varga, PE



I am currently the President of the ASPE Cleveland Chapter. I have 20+ years of experience in the mechanical consulting engineering industry with focus on building plumbing systems. ASPE Cleveland Chapter reaches out to area firms, inspectors, contractors, manufacturer's representatives for the promotion and further knowledge of the plumbing industry. ASPE Cleveland holds monthly meetings with technical related topics to educate the young and refresh the more experienced. The chapter has special interest groups WOA (Women of ASPE) and AYP (ASPE Young Professionals) to further establish contacts, similar interests, while engaging and advancing in the plumbing industry.

Chapter Suggestion Box

Have an idea for a great session? OR
Would like to present to the chapter?

E-MAIL IDEAS TO INFO@CLEVELANDASHRAE.ORG