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Newsletter

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ASHRAE Presidential Design Challenge 2025-2026

Bill McQuade has announced his presidential theme, workforce Healthy Buildings: Designing for life. This year's challenge will encourage chapters to develop innovative solutions that enhance air quality, thermal comfort, lighting, acoustics, and overall occupant well-being while maintaining energy efficiency.

Stay tuned for more information about the Presidential Design Challenge!

2025 ASHRAE Conference for Integrated Design, Construction & Operations (CIDCO) August 13-15, 2025 Denver, CO

The technical program consists of Keynote Speaker, and author of the new book, "Going for Zero: Decarbonizing the Built Environment on the Path to Our Urban Future", Carl Elefante FAIA, FAPT and ASHRAE immediate Past President Dennis Knight, P.E., BEMP, Fellow Life Member ASHRAE leading a panel on Building Performance Analysis in the Age of AI. As well as invited speakers with expertise in architecture, engineering, design, facility management and contracting. These industry leaders will share their perspectives and experiences in an interactive program designed to promote engagement and synergy among attendees.

To register or view the conference program click [HERE!](#)

HISTORICAL ARTICLE: Mr. Jorma J. Railio, Life Member ASHRAE

Historical Committee

Few names resonate as deeply within the Nordic HVAC community as Mr. Jorma J. Railio, whose decades-long career has shaped the trajectory of energy-efficient building technologies across Europe. As an engineer, author, and thought leader, Railio's contributions have not only advanced technical standards but also fostered collaboration across borders.

Engineering Expertise and Leadership

Mr. Railio's professional journey is rooted in a deep commitment to sustainable building systems. His work has spanned both academic and applied domains, with a particular focus on energy efficiency, indoor climate control, and ventilation systems. He has played a pivotal role in developing and promoting displacement ventilation techniques, co-authoring the seminal REHVA Guidebook Displacement Ventilation in Non-Industrial Premises (2003), which remains a cornerstone reference for HVAC professionals.

Author and Educator

Railio's influence extends into education and publishing. He is a contributing author to Rakennusten energiatekniikka (2024), a comprehensive Finnish textbook on building energy technology. This work offers practical insights into energy use, automation, lifecycle costs, and climate-responsive design, and is widely used by professionals and students alike. His ability to distill complex engineering concepts into accessible knowledge has helped shape the next generation of HVAC engineers.

Recognition and Awards

In 2011, Mr. Railio was honored as a REHVA Honorary Fellow, a prestigious title awarded for outstanding achievements in the HVAC field. This recognition underscores his long-standing commitment to advancing the industry and his leadership within FINVAC, the



Finnish Association of HVAC Societies.

European Collaboration and Innovation

Railio has been a key figure in several EU-supported initiatives, including the Demlocs project, which explored local cooling systems based on low-grade thermal energy. His work in Helsinki and Herning demonstrated innovative applications of district heating for cooling, contributing to the broader European push toward low-carbon building solutions.

Impact on Productivity and Indoor Air Quality

His research has also explored the intersection of indoor climate and human performance. In a 2002 study published in Energy and Buildings, Railio and colleagues examined how air temperature affects labor productivity in call centers—highlighting the real-world implications of HVAC design on workplace efficiency.

Legacy and Continued Influence

Mr. Railio's career exemplifies the values of ASHRAE: technical excellence, sustainability, and global collaboration. His work continues to inspire engineers across the Nordic region and beyond. His vision and dedication have laid the groundwork for a more energy-conscious and resilient built environment.

New Distinguished Lecturers added to the roster for 2025-2026

The Distinguished Lecturer (DL) program provides ASHRAE chapters, student branches, neighboring universities/colleges, and other organizations the opportunity to hear outstanding speakers on the leading edge of technology. Chapters can request visits from Distinguished Lecturers through their CTTC RVC.

Each year CTTC reviews nominations for new Distinguished Lecturers to move into our limited number of positions. This year 9 new DLs from the large and very qualified pool of nominees were accepted into the program.

Please join us in welcoming new speakers from around our ASHRAE globe:

- Douglas Zentz - Region V
- Peter Rumsey - Region X
- Janice Kathleen Means - Region V
- James J Coogan - Region VI
- Celso Simões Alexandre - Region XII
- Christopher Anthony DesRoches -Region II
- Dr Linda D Lee - Region VIII
- Ahmed Abdel Ghani - RAL
- Triantafyllos (Alkis) Triantafyllopoulos - Region XIV

Exploring career opportunities with the ASHRAE job board

The ASHRAE Job Board is a premier platform for professionals in the fields of heating, ventilation, air conditioning, and refrigeration (HVAC&R). Whether you are an engineer seeking new opportunities or an employer looking for top talent, the ASHRAE Job Board offers a comprehensive and user-friendly experience.

For Job Seekers

Personalized Job Search: The ASHRAE Job Board allows engineers to create personal accounts to manage their job searches efficiently. Users can upload resumes, set up job alerts, and apply for positions directly through the platform.

Diverse Opportunities: The job board features a wide range of positions, from entry-level roles to senior management positions, across various specializations such as mechanical, electrical, and civil engineering. Recent listings include roles like HVAC Sales Engineer, Building Automation Systems Engineer, and Senior Commissioning Project Engineer.

Career Resources: Beyond job listings, the ASHRAE Job Board provides valuable resources to help job seekers enhance their careers. This includes resume writing tips, interview preparation guides, and access to career coaching services¹.

For Employers

Efficient Recruitment: Employers can set up corporate accounts to post job openings, review resumes, and manage their recruitment processes. The platform is designed to connect employers with highly qualified candidates in the HVAC&R industry¹.



Targeted Listings: By posting on the ASHRAE Job Board, employers can reach a niche audience of professionals who are specifically interested in HVAC&R careers. This targeted approach ensures that job postings attract the most relevant candidates¹.

Comprehensive Support: The job board offers various tools and services to assist employers in their recruitment efforts, including job posting packages and access to a database of resumes.

Visit: <https://jobs.ashrae.org/>

ASHRAE Releases New Guidance to Mitigate the Impact of Smoke on Indoor Air Quality

As wildfires and prescribed burns increasingly impact communities worldwide, ASHRAE has published a new resource aimed at safeguarding indoor air quality (IAQ) during these events.

ASHRAE Guideline 44-2024, Protecting Building Occupants From Smoke During Wildfire and Prescribed Burn Events, outlines best practices for building design, operation and maintenance to reduce the health risks associated with prolonged exposure to wildfire and prescribed burn smoke.

To purchase Guideline 44-2024 visit ashrae.org/bookstore.

CEBD - Center of Excellence for Building Decarbonization

Join Us on the Journey to Zero!

Building owners, government jurisdictions and industry professionals around the world are responding to accelerating climate change and recognizing that building decarbonization is a significant component to their efforts. The worldwide building sector accounts for about 40% of energy-related carbon emissions and the global building stock is predicted to double by the year 2060.

Are you interested in participating in projects on decarbonization? If so, please send an email to:

decarb@ashrae.org

YEA Leadership Weekend

Events

Heat Pump Forum & Award 2025

On 23 – 24 September 2025, EHPA will host its flagship heat pump forum.

More information is available [here](#).

19th International Symposium on District Heating and Cooling

On 7 – 10 September 2025, VITO and EnergyVille will organize the 19th

International Symposium on District Heating and Cooling in Genk, Belgium.

More information is available [here](#).

YEA Leadership Weekend 1.0 and YEA Leadership Weekend 2.0 is an opportunity for the future leaders of the industry to learn more about ASHRAE society, develop soft skills, reflect on personal traits and strengths, and network with other young professionals,

ASHRAE Life Members Club awarded YEA funds for this scholarship to be used for registration (Priority) and transportation (Secondary) costs associated with attending a leadership weekend 1.0 or 2.0 up to \$1000 USD*. Note, the registration fee includes most meals!

*A minimum of 4 winners will be awarded up to \$1000 in scholarship funds, with the flexibility of additional winners if funds allow.

Funds would allow if a scholarship winner is able to have their travel sponsored by another means, like their self, their ASHRAE chapter, or their workplace.

All registration cost would be covered upfront by ASHRAE. Registration typically lands between \$580-\$600. For YLW 1.0, there is an optional tour available the day before which include another night at the host hotel for +\$200 on top of the registration fee.

The individual would need to book their own flights/transportation and then submit a travel reimbursement form for the remaining amount of the scholarship.

2025 - 2026 Leadership Weekends:

YLW 1.0 Fall, November 7th-9th. Pending Location: Seattle

*Optional tour day November 6th

YLW 1.0 Spring, March [TBD]. Pending Location: [TBD East Coast]

*Optional tour the day before

YLW 2.0 Summer, May [TBD]. Pending Location: [TBD West Coast]

Visit this site for more information on the Leadership Weekends, and how to apply: <https://www.ashrae.org/communities/young-engineers-in-ashrae-yea/yea-events-and-programs/yea-leadership-weekend>

2025 ASHRAE Building Decarbonization Conference October 22-24, 2025 Chicago IL

The two-and-a-half-day event includes 21 seminars, 14 panels and three keynote sessions. The technical program is structured around four key tracks: Scaling Decarbonization, Innovator's Showcase, Blueprints for Change and Beyond Decarbonization.

To register or view the conference program click [HERE!](#)



Live Virtual Training

Summer 2025

June

The Commissioning Process and Stakeholder Management | June 10
NEW! Practical Principles for Dehumidification System Design | June 12
An Introduction to ASHRAE Existing Building Commissioning Process | June 17

July

Humidity Control I: Design Tips and Traps | July 29
Humidity Control II: Real-World Problems and Solutions | July 30

August

Updated! Next-Generation Low-Carbon Buildings: Strategies for Design, Decarbonization, and Electrification | August 7
Air-to-Air Energy Recovery Applications: Best Practices | August 20
NEW! Ultra-Low-Energy Buildings and Microgrids Tools for Resilience and Decarbonization | August 26

Updated School Indoor Air Quality fact sheet

The newly updated School Indoor Air Quality (IAQ) Fact Sheet series from the Center for Green Schools (USGBC), developed in partnership with ASHRAE are now available.

These concise, easy-to-understand resources are designed for school staff and decision-makers without a technical background, helping them make informed choices about indoor air quality. With expert input from across the US, the series has been updated to reflect the latest guidance on school IAQ strategies. The series includes an overview, which gives a foundation on IAQ strategies and standards, as well as eight fact sheets on: ventilation, HVAC filtration, germicidal ultraviolet, in-room air cleaners, electronic air cleaners, disinfectants, indoor air quality monitoring, and indoor air quality during wildfires. Click [here](#) for more information.

New HVAC Design Training Schedule Available

The full year schedule of ASHRAE HVAC Design Training is now posted.

View the schedule at:

www.ashrae.org/HVACDesign

Chapter Regional Conference (CRC) 2025

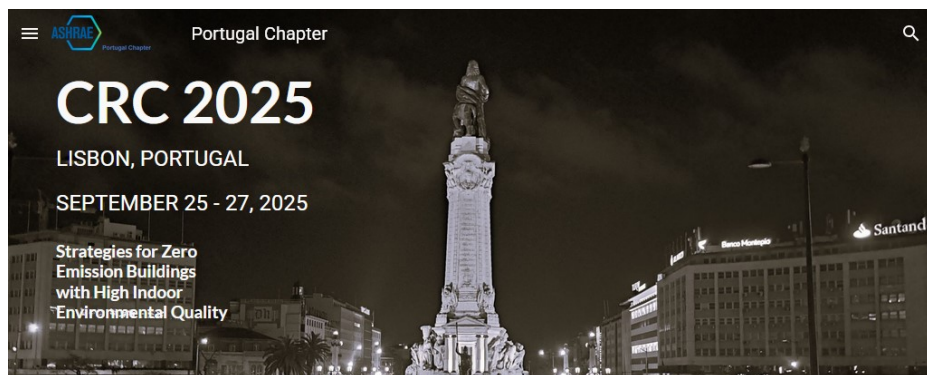
Join us for the Chapters Regional Conference (CRC) 2025 in the inspiring city of Lisbon.

This is a unique opportunity to connect with HVAC&R professionals and ASHRAE members from across the Region XIV (Europe) while participating in expert-led sessions on energy efficiency,

sustainability, and high indoor environmental building.

Visit this site for more information!

<https://sites.google.com/view/ashraeportugalchapter/home>



About

ASHRAE Nordic Chapter is a local branch of ASHRAE, a global society founded in 1894. ASHRAE's mission is to advance human well-being through sustainable technology for the built environment. With more than 50,000 members from over 132 nations, ASHRAE is an engineering organization dedicated to advancing the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world. The organization contributes to shaping tomorrow's built environment through research, standards writing, publishing, certification, and continuing education. The geographic area covered by ASHRAE Nordic Chapter is Denmark (Faroe Islands and Greenland), Iceland, Norway, Finland (Åland), and Sweden.

EU Commissioner for Energy & Housing Highlights Electrification and Waste Heat Recovery as Key Pillars for the Energy Transition

On 12 June, at the International Energy Agency's Global Energy Efficiency Conference in Brussels, the EU Energy and Housing Commissioner Dan Jørgensen highlighted a strengthened focus on industrial electrification and the recovery of waste heat as key components of the EU's energy efficiency strategy. He highlighted the significant potential of waste heat recovery to improve energy efficiency in industrial processes, emphasizing its role in reducing emissions and enhancing Europe's energy security. Com-

missioner Jørgensen underlined that integrating waste heat recovery with electrification technologies, such as heat pumps, is essential to decarbonizing industry and achieving the EU's climate goals. This approach aims to harness unused heat streams within industrial sites, thereby lowering fossil fuel dependence and supporting the transition to cleaner energy systems.

Upcoming Chapter Events

Date	Type of event	Location	Event
26-09-2025 (7-9)	Social	Lisboa, Portugal	Breakfast (CRC)
16-17 April, 2026	Chapter Event	Copenhagen	Social event, Chapter Meeting, Seminars

Next Chapter Meetings

November 2025 (Digital, date and link to come)

April 2026, Copenhagen (More information to come)

Visit:
www.linkedin.com/company/ashrae-nordic
www.ashrae-nordic.org

