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Technical Committee 8.01 – Positive Displacement Compressors

TC8.01 Website: [Link](#)

AGENDA [DRAFT] – 2024 ASHRAE Annual Meeting, Indianapolis IN

Main Committee [Hybrid]: Tuesday, June 25, 2024 3:30 – 5:30 PM ET

In Person Location: JW Marriott, 202 (2)

Zoom Info:

<https://purdue-edu.zoom.us/j/91854864140?pwd=ZFdwUVBiNm9iTEJ4UT09>

Meeting ID: 918 5486 4140

Passcode: 232942

1) Call to Order – Davide Ziviani (Chair)

- Introductions
- Minutes – **Riley Barta (Secretary)**
- Establishment of Quorum (13 VMs) - **Jim Douglas (Membership Chair) 0-0-0-0 CNV**
- Joint TC8.1&TC8.2 Subcomm meeting attendance: TBD

2) ASHRAE Code of Ethics Commitment: In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, integrity, and respect for others, and we shall avoid all real or perceived conflicts of interests. (See full Code of Ethics: <https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics>.)

3) Review and Approval of the 2024 ASHRAE Winter Meeting in Chicago Minutes

- **Motion / Second: 0-0-0-0 CNV**

4) Liaison Report (as they arrive)

- Section 8 Head (Kashif Nawaz)
- Research Liaison (Carl Huber)
- Handbook (Kevin Muldoon)

5) Report on TC/TG Section 8 Chair's Breakfast Meeting – Davide Ziviani

6) Standards – Jim Douglas (Chair)

8) Program - Erik Anderson (Chair)

- TC 8.1 sponsored in Chicago:
 - **Seminar 11 (Intermediate; June 23 11:00am-12:30pm EDT), "How Hard Can It Be? Simulating and Optimizing Compressors for Next Generation Systems and Refrigerants"** (Chair: Craig Bradshaw). Co-Sponsor: TC8.2
 - **Seminar 36 (Intermediate; June 25 9:45am-10:45am EDT), "The Future of Heating: Adaptive**

Compressors and Smart Capacity Modulation” (Chair: Riley Barta). Co-Sponsor: TC8.2

- For 2025 Winter Conference in Orlando, FL:
 - Track 1: Fundamentals and Applications (Track Chair: Erik Sanchez)
 - Track 2: HVAC&R Systems and Equipment (Track Chair: Li Song)
 - Track 3: Refrigeration & Refrigerants (Track Chair: Jon Cohen)
 - Track 4: Energy Storage and Grid Resiliency (Track Chair: Robin Bryant)
 - Track 5: Pathways to Building Decarbonization (Track Chair: Joe Chow)
 - Track 6: Artificial Intelligence (Track Chair: Suzanne LeViseur)
 - Track 7: Industrialized Construction: Opportunities and Challenges (Track Chair: Stephanie Mages)
 - Track 8: Ventilation and Indoor Environmental Quality (Track Chair: Ehab Mamdouh)
 - Track 9: Future-Proofing the Built Environment (Track Chair: Joshua Vasudevan)
 - In addition to the tracks above, papers/programs that address Cold Climates are appropriate and encouraged.

9) Research – Matt Cambio (Chair)

- Report from Research Subcomm. Chair’s Breakfast (Location/Time: Monday Jun 24th, 7:00 – 9:00 am EDT; JW Marriott, White River G (1))
- **WS-1793 – Motor cooling research/thermal conductivity method of test**
- **1879-RP – Foamability properties of LGWP refrigerants**
- **New RTAR proposal**

10) Handbook – Scott MacBain (Chair)

- TC8.1 Refrigeration Chapter 8-factory Dehydrating, Charging & Testing (revision due 2026)
 - Vote/Review Chapter 8
- TC8.1&8.2: 2024 HVAC Systems and Equipment: Chapters 38 (Compressors) and 43 (Liquid Chilling Systems) for revision in 2024 (due July 2023). Submitted Fall 2023.

11) Membership - Jim Douglas (Chair)

- 4 VM rolling off 06/2024 – Discussion in Chicago & Indianapolis

12) Website – Eric Berg (Chair) Up to date.

13) Old Business

14) New Business

15) Adjourn