



ASHRAE Technical Committee 1.4

Full Committee Meeting Agenda

TC 1.4 Control Theory and Application

<http://tc0104.ashraetcs.org/>

Tuesday, June 25, 2024 1:00 – 3:30 pm EDT Hybrid Conference

Code of Ethics Commitment

“Commitment to the ASHRAE Code of Ethics – 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>.)”

Diversity Commitment

“ASHRAE is committed to providing a welcoming environment. Our culture is one of inclusiveness, acknowledging the inherent value and dignity of each individual. We proactively pursue and celebrate diverse and inclusive communities understanding that doing so fuels better, more creative and more thoughtful ideas, solutions and strategies for the Society and for the communities our Society serves. We respect and welcome all people regardless of age, gender, ethnicity, physical appearance, thought styles, religion, nationality, socio-economic status, belief systems, sexual orientation or education.”
(<https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics>)

1) Call to Order

2) TC 1.4 Scope

- a) ASHRAE Technical Committee 1.4 is concerned with control theory, systems, and components (excluding refrigerant flow controls) for heating, ventilating, air conditioning, and refrigeration uses.

3) Introduce Members, Guests, and Liaisons

- a) General Introductions – In person and virtual
- b) Determination of a quorum

VOTING MEMBERS FOR THIS MEETING (Need (5) or ½+1 for a Quorum)

NAME	Roll-Off-Date		NAME	Roll-Off-Date	
Jayson Bursill	6/30/27		Chariti Young	6/30/26	
JoeDon Breda	6/30/27		Elise Backstrom	6/30/25	
Taraneh Shoorideh	6/30/27		Joe Kilcoyne	6/30/25	
Charlotte Dean	6/30/26		Paul Ehrlich	6/30/25	

Voting Items

- c) Approval of minutes from 2024 Winter Meeting.

4) Chair's Report

- a) Announcements and Highlights from TC Chairs Breakfast Meeting

5) Announcements

- a) **TAC – Technical Activities Committee – Section Head Jason Atkisson**
 i) Upcoming conferences
 - Feb. 8-12, 2025 – Orlando, FL
 - June 21-25, 2025 – Phoenix, AZ
 - Jan. 31-Feb. 4, 2026 – Las Vegas, NV
- b) **RAC – Research Activities Committee – Section Head Srinivas Katimapula**

6) Liaison Reports – TC 1.4 Sponsored Functional Groups

- a) **SGPC 13 Specifying Building Automation Systems**
- b) **SGPC 36 High Performance Sequences of Operation for HVAC Systems**
- c) **SPC 231P CDL – A Control Description Language for Building Environmental Control Sequences**
- d) **SSPC 135– BACnet - A Data Communication Protocol for Building Automation and Control Networks**
- e) **MTG.CYB - Cybersecurity for HVAC Systems And Related Infrastructure**
 i) Liaison –Ron Bernstein
- f) **MTG.EBO - Effective Building Operations**
 i) Liaison –Joe Kilcoyne

7) Sub-Committee Reports

- a) **Executive** – Elise Backstrom | vice chair Charlotte Dean

- b) **Education/YEA** – Michelle Shadpour | vice chair Greg Tayco
- c) **Program** – Frank Shadpour | vice chair Ariana Axelrod
- d) **Brainstorming - Innovative and Disruptive Technologies** – Chad Moore | vice chair Chris Benson
- e) **Research** –Amanda Pertzborn | vice chair Jayson Bursill
- f) **Handbook** - Terry Schroeder | vice chair Tara Shoorideh
- g) **Standards** – Steve Taylor
- h) **Webmaster** – Michelle Shadpour

8) Committee Liaison Reports

- a) TC 1.5 (Emerging Computing Applications) – Mike Pouchak
- b) TC 2.10 HVAC Security – Kim Barker
- c) TC 7.5 (Smart Building Systems) – Joe Zhou
- d) TC 9.10 (Laboratory Systems) – Jim Coogan
- e) TC 9.11 (Clean Rooms) – Phil Naughton
- f) SSPC 62.1 (Ventilation and Acceptable IAQ) – Steve Taylor
- g) SSPC 90.1 (Energy Efficient Design of New Buildings) – Steve Taylor

9) Old Business

10) New Business

- a) -

11) Upcoming Deadlines

- Orlando Winter Conference
- Seminar, Forums, Workshops, Panels and Debates proposals are due by Friday, August 2nd, 2024.
- The portal to submit programs opened on Wednesday, June 19th, 2024.

12) Next Meeting – 2025 ASHRAE WINTER CONFERENCE| February 8-12, 2025| Orlando, FL

13) Adjourn