



Agenda
ASHRAE 2025 Winter Meeting
Sheraton Phoenix Downtown – Arcadia [Level 2]
Sunday, June 22, 2025 14:30-16:30 MST
TC 7.1 Integrated Building Design

Scope:

TC 7.1 is concerned with facilitating interaction among all building disciplines, from earliest concept development throughout the building life cycle, in order to achieve integration of design efforts and operation of the total building.

Code of Ethics

As members of ASHRAE or participants in ASHRAE activities, we pledge to act with honesty, fairness, courtesy, competence, integrity, and respect for others in our conduct. We will avoid conflicts of interest and behavior that is discriminatory and/or harassing.

Subcommittee Meetings:

Research –Program-Handbook WEB meetings

Voting members

Name	Company	Membership	Voting
Joseph L. Furman	WW Rothmann Co., Inc.	Member - Chair	Y
Marianna Vallejo	Jacobs Solutions, Inc.	Member- Vice-Chair	Y
Mitchell Swann	Resolution Management Consultants	Member-Secretary	Y
Elyse M Malherek	The Ladder	Member Program Sub-Chair/Webmaster	N
Russell D Taylor	AdvanTEC-Carrier Building Solutions Group	Member – Research Sub-Chair	N
Suzanne LeViseur	Haddad Engineering, Inc.	Member - Standards Sub-Chair	N
Lianne Cockerton	Martin Roy et Associés	Member - Program	Y
Kevin L Amende	Montana State University	Member	N
Jason A Atkisson	Affiliated Engineers	Member	Y
Tom Jacknisky	Smith & Anderson	Member	Y
David Allen	Allen Consulting	Corresponding Member	N
Matthew S. Archey	Campbell's Snacks	Handbook Liaison	N
Danielle Monfet	École de technologie supérieure	Corresponding Member	N

1. Call to Order
2. Code of Ethics
3. Roll Call
4. Recognition of TC7.01 Members – Mitchell Swann (Faces of ASHRAE)
5. Introductions
6. Review of Agenda
7. Approval of Minutes
8. Roster Review – Tara Thomas
9. Subcommittee reports
 - a. TC Handbook Liaison – Matt Archey
 - Handbook Liaison – Mark Miller
 - b. Research –Russ Taylor



c. Programs –Elyse Malherek

2025 Annual ASHRAE TC 7.01 Conference Programs
TC 7.1 sponsored/Co-sponsored programs:

Panel 4: Faster, Better, Stronger: Resiliency in the Design, Construction and Operations of High Intensity Facilities

Chair: Elverson Mitchell Swann, P.E.

Summary:

As the global economy digitizes, the demand for more computer processing continues to grow. This demand has put pressure on developers and manufacturers to deliver faster and more powerful chips to the market faster. Along with this "use" demand, there are competing pressures to reduce energy consumption and environmental footprint both in production and in use. Getting projects done quickly, done right and running reliably is crucial in fast developing technologies with global pressure points. This program looks at three aspects of current high-tech facility design, construction and operations: speed of delivery; carbon footprint and resiliency.

Monday, June 23

11:00 AM – 12:00 PM MST

- **2026 ASHRAE Annual Conference Programs**

<https://www.ashrae.org/conferences/2026-winter-conference/2026-winter-conference-technical-program>

- **>> Upcoming Deadlines**

Wednesday, May 28, 2025 | Conference Paper Abstracts and Paper Session Requests Due
Wednesday, June 18, 2025 | Conference Paper Abstract Accept/Reject Notifications
Thursday, June 19, 2025 | Website Opens for Extended Abstracts and Seminar, Workshop, Forum, Debate, and Panel Proposals
Friday, August 1, 2025 | Debate, Panel, Seminar, Forum, Workshop, and Debate Proposals Due
Wednesday, September 3, 2025 | Conference Papers Due
Wednesday, September 24, 2025 | Conference Paper Accept/Revise/Reject Notifications
Friday, October 3, 2025 | Debate, Panel, Seminar, Forum, Workshop Scheduling Notifications
Wednesday, October 8, 2025 | Revised Conference Papers Due
Monday, October 27, 2025 | Conference Paper Final Accept/Reject Notifications

d. Publications –Elyse Malherek

- ALI IBD course to align with handbook
- Project facilitator responsibilities/tools/tips/resources

e. Webmaster – Malherek

- TC7.1 Website Updates:
 - a. Meeting Documents
 - b. Roster Changes – Complete



Old Business

10. TC 7.1 Liaisons to Other Committees:
 - a. BIM MTG – Malherek
 - b. 205 – (Standard Representation of Performance Simulation Data for HVACR and Other Facility Equipment)
 - c. Section 9: TC7.1 liaison to the indicated TC of Section 9:
 - TC9.1 (Large Building Air-Conditioning Building): Romero
 - TC9.4 (Justice Facilities): LeViseur merged with 9.8
 - TC9.6 (Healthcare Facilities): Austin
 - TC9.7 (Educational Facilities): Hammelman
 - TC9.8 (Large building Air-Conditioning Applications): Austin (merged with 9.4)
 - TC9.10 (Laboratory Systems): Atkinson
 - TC9.11 (Clean Spaces): Mitchell
 - d. 1.7 (General Legal Education): Mitchell
 - e. 2.5 – Global Climate Change
 - f. 2.8 (Building Environmental Impacts and Sustainability): Julianna Pellegrini
 - g. 7.2 (Design-Build Lean): Joe Chin and Mitchell Swan
 - h. 7.3 (Operation, Maintenance and Cost Management) Matt Archey
11. ASHRAE reorganization update (TAC) No Updates

New Business

12. Putting IPD requirements in codes (see email from 189.1 and appendix F from standard)
13. Open discussion on industry and experience for IBD or IPD
14. Other
15. **Next Meeting:** Las Vegas, NV, February 01, 2026

FACES OF ASHRAE: *E. Mitchell Swann*

E. Mitchell Swann is a managing director for Resolution Managing Consultants and has been an ASHRAE Member for over 30 years. Learn about his forensic approach to problems, love for Jazz and surprising route to the industry.

► **What is your current job?**

Managing Director - Resolution Management Consultants, Inc.

► **What is your level of education?**

BSME, Drexel University;
Goldman Sachs 10,000 Small Businesses Program Co-host

► **Years of industry experience?**

35+.

► **ASHRAE Chapter**

Philadelphia.

► **How long have you been an ASHRAE member?**

30+ years.

► **What technical committees or other parts of ASHRAE are you involved with?**

TC 1.7 - Business, Management & General Legal Education;
TC 2.8 - Building Environmental Impacts and Sustainability;
TC 7.1 - Integrated Building Design;
TC 7.2 - HVAC&R Construction & Design Build Technologies;
TC 9.10 - Laboratory Systems (corresponding member);
TC 9.11 - Clean Spaces (former two-term Chair).

► **What got you into the industry?**

Oddly enough, drag racing. I was into drag racing and I figured if I could help buildings save energy, then there would be oil left over to fuel race cars. So.... (LOL!).

► **What is your favorite part of your job?**

My work now is largely forensic and/or risk related. I enjoy figuring out solutions or causes of "problems" and resolving

activities. Don't be afraid to ask questions or raise your hand.

► **What are your career goals?**

Most of my current work is "forensic" in nature—I get called *after* a problem or issue develops. In most instances, those problems could have been avoided. I actually had few major issues on my projects when I was doing design and construct. I'd like to get more engaged in the front end of projects to help prevent the types of problems I routinely get involved in after the fact. It is much cheaper to avoid a problem than to fix a problem.

► **What are the biggest challenges you see that the industry is facing?**

The growing (and legit!) concerns about the energy, water and climate impacts of buildings will get larger and more prominent. I am concerned that the appreciation and respect of the professionalism and skillsets of practitioners has been eroded by a "marketplace" emphasis on the "sound of the sizzle" and not the "quality of the steak." In many ways the industry has participated in commoditizing itself. We need to do a better job of both understanding and presenting our value add to the process.

► **How do you think the industry could best address those challenges?**

More robust advocacy at the policy level and take a leadership role in promoting quality and sustainable design and ethical building practices. Applaud and reward innovative solutions to problems..

► **What do you enjoy doing when you are away from work?**



► **What has been your favorite part of being an ASHRAE member?**

I have come to realize that a number of the design solutions I employed on projects in the past were actually quite innovative. I need to capture that history in an application for ASHRAE Fellow. I am also very proud of the number of engineers whom I have had under my direction who have since gone on to be department heads and similar in other organizations.

► **What is one thing you wished you knew when you started in the industry?**

I wish I had gotten more engaged with the "digital revolution" that changed the way we work in our industry. There are so many potential applications that I see now, but my knowledge set in the world of programming is not sufficient to take advantage of them.

► **Use this space for anything else you'd like to let Insights readers know about:**

I think that ASHRAE and engineering in general need to do more to instill and foster an appreciation of the ethical aspects of technological advancement. Imagine the different climate change landscape we would be looking at today if even the modest path set