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## **TC-9.10 LABORATORY SYSTEMS**

### **2025 Summer Meeting Agenda Phoenix, AZ**

**Tuesday June 24th, 2025**

**3:30-6:00 PM**

**Phoenix Convention Center  
North Building, 222A (Level 2)**

#### **Main TC Meeting Agenda**

<b>ITEM</b>	<b>TOPIC</b>	<b>FACILITATOR</b>	<b>TIME (MINS)</b>
<b>Introduction</b>			
1	Call to Order – Code of Ethics	Kelley Cramm	2
2	Title Purpose Scope for TC9.10	Kelley Cramm	1
3	Introductions	Kelley Cramm	5
4	Web Site	Jim Coogan	2
5	Membership	Guy Perreault	2
6	Quorum	Guy Perreault	2
7	Approval of Meeting Minutes	Christine Riendeers	2
8	Section Head Report	Joy Altweis	4
			3:50 PM
<b>Presentations</b>			
9	Tom Smith's Corner	Tom Smith	15
10	Guideline 36 Update	Jim Coogan	5
			4:10 PM
<b>Subcommittee Reports – Meeting Minutes on Basecamp</b>			
11	Program Subcommittee	Rachel Romero	5
12	Research Subcommittee	Bob Weidner/Greg Gross	5
13	Lab Classification	Guy Perreault/Tom Smith	5
14	Standards (110, 129, 170, 241)	Justin Garner, Kurt Rindocks	2
15	NSF 49	Justin Garner	5
16	Design Guide	Anne Juran	5
17	Handbook Subcommittee	Mark Malkin	2
18	Journal	Roland Charneau	2
19	Basecamp Cleanup	Dave Rausch	5
			4:45 PM
<b>ALI Courses</b>			
20	Laboratory Design Course – The Basics and Beyond	Danny McGrail	3
21	Laboratory Exhaust Course – Safe and Energy-Efficient Design	Brad Cochran	2

22	Laboratory Controls Course	Jim Coogan	3
			4:55 PM
<b>Liaison Reports</b>			
23	TC 1.4 Control Theory & Applications	Jim Coogan	2
24	TC 2.2 Plant and Animal Environment	<i>Need a liaison</i>	2
25	TC 4.3 Ventilation and Infiltration	Martin Stangl/Ryan Parker	2
26	TC 5.1 Fan Systems	Brent Fullerton/Ken Kuntz	2
27	TC 5.3 Room Air distribution	Kishor Khankari	2
28	TC-7.6 Building Energy performance	Pat Carpenter	2
29	TC 7.9 Commissioning	Justin Garner	2
30	TC 9.6 Healthcare	Traci Hanegan	2
32	TC 9.7 Educational Facilities	Keith Hammelman	2
33	TC 9.11 Clean Spaces	Roland Charneux/Wei Sun	2
34	MTG ACR	Jim Coogan/Kishor Khankari	2
35	62.1 Ventilation for IAQ	Brendon Burley	2
36	90.1 Energy Efficiency	Need a liaison- Kelley C	2
			5:15 p.m.

ITEM	TOPIC	FACILITATOR	TIME (MINS)
37	SMACNA	<i>Need a liaison</i>	2
38	NFPA 45	Ken Crooks	2
39	NSF	<i>Justin Garner?</i>	2
40	ISPE	<i>Jason Atkisson</i>	2
41	AIHA Lab Health & Safety	Tom Smith	2
42	ASTM Z9.5 Ventilation (ANSI)	Jim Coogan	2
43	I <sup>2</sup> SL	Gordon Sharp	4
44	Title 24 – California Energy Code	Glenn Friedman	3
			5:35 p.m.
<b>Meeting Wrap-Up</b>			
45	New Business	Kelley Cramm	5
46	Closing Thoughts	Kelley Cramm	5

Officers (July 1, 2024 – June 30, 2026) :

Chair- Kelley Cramm, Vice Chair – David Rausch, Secretary – Christine Reinders-Caron

Adjourn

Next Meeting – Las Vegas - February 23, 2026

### Code of Ethics Commitment

*In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, inclusiveness and respect for others, which exemplify our core values of excellence, commitment, integrity, collaboration, volunteerism and diversity, and we shall avoid all real or perceived conflicts of interests.*

(Code of Ethics: <https://www.ashrae.org/about/governance/code-of-ethics>)

(Core Values: <https://www.ashrae.org/about/ashrae-s-core-values>)

### Commitment to Care

*The health and safety of all ASHRAE conference attendees is a top priority. We are committed to the well-being of one another.*

<https://www.ashrae.org/file%20library/conferences/annual%20conference/commitment-to-care.pdf>

### Scope of TC 9.10

*TC 9.10 is concerned with HVAC components for laboratory systems and their use therein. These components include but are not limited to air intakes, supply air conditioning systems, air distribution methods, laboratory fume hoods, biological safety cabinets, exhaust systems and exhaust discharge. The technical committee will address the unique requirements of all types of laboratories. These laboratories include but are not limited to nuclear, pharmaceutical/medical, general chemistry, and teaching. Additional TC 9.10 concerns are: (1) the reduction of energy usage in laboratory systems, (2) the monitoring of government regulations affecting laboratory operation.*

**New Members: If someone has expressed interest in joining the committee, please direct them to the website at [www.ashrae.org/joinatc](http://www.ashrae.org/joinatc). By joining online, the individual is instantly placed on the committee roster and gives them immediate access to committee functions.**