

DRAFT
TC 4.10 Indoor Environmental Modeling
MEETING AGENDA

Monday, February 2
1:30 PM – 4:30 PM PST
Caesars Palace, Octavius 23 (PS)

Teams Meeting
[Join the meeting now](#)
Meeting ID: 245 808 468 901 6
Passcode: uE2yK39s

SCOPE: TC 4.10 is concerned with developing methods and procedures for predicting indoor environmental conditions including airflow, air quality, and thermal environment

1. Call to order - Chair (Duncan Phyfe)

2. ASHRAE Code of Ethics:

In 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 shall avoid all real or perceived conflicts of interest. Our culture is one of inclusiveness, acknowledging the inherent value and dignity of each individual. We celebrate diverse and inclusive communities, understanding that doing so fuels better, more creative and more thoughtful ideas, solutions and strategies for the Society and the communities our Society serves. We respect and welcome all.

For more details, please visit ASHRAE's page: <https://www.ashrae.org/about/governance/code-of-ethics>

3. Welcome and introductions (Duncan Phyfe)

4. Roll call (Jialei Chen) – voting members

Chao Ding	Himanshu Sharma	Xu Han	Wangda Zuo
Jialei Shen	Jim VanGilder	Leon Wang	James Lo
Duncan Phyfe	Alexander Willman		

Officers:

Duncan Phyfe (Chair)	Term End June 2027
Yang-Seon Kim (Vice Chair)	Term End June 2027
Chao Ding (Secretary)	Term End June 2027
Xu Han (Handbook)	Term started June 2025
Shichao Liu (Research)	Term started June 2025
Jialei Chen (Membership)	Term started June 2025
Jim Van Gilder (Program)	
Stuart Dols (Webmaster)	
Chao-Hsin Lin/Mohammad Heidarinejad (Honors & Awards)	

5. Approval of Orlando meeting minutes – vote

6. Updated from the Liaisons: (Section head (Kyle Gluesenkamp), RL and Publication)

7. Announcements and reports (Duncan Phyfe)
Chair's Breakfast

8. Membership – 10 min (Jialei Chen).

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- 2025-2026 Officers
 - Chair: Duncan Phyfe
 - Vice Chair: Yang-Seon Kim
 - Secretary: Chao Ding
 - Handbook Subcommittee Chair: Xu Han
 - Research Subcommittee Chair: Shichao Liu
 - Programs Subcommittee Chair: Jim VanGilder
 - Membership: Jialei Chen
 - Standards Subcommittee Chair: William Stuart Dols

- 2025-2026 Voting Members:
 - Chao Ding
 - Himanshu Sharma
 - Xu Han
 - Wangda Zuo
 - Jim VanGilder
 - Leon Wang
 - James Lo
 - Duncan Phyfe
 - Alexander Jerome Willman
 - Jialei Shen

9. Research – 20 min (Shichao Liu).

<p>2:00 PM – 3:00 PM PST TC 4.10 Research Subcommittee Caesars Palace, Octavius 23 (PS) Join the meeting now</p>
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10. Standards/Guidelines/Handbook – 15 min (Xu Han).

<p>4:00 PM – 5:00 PM PST TC 4.10 Handbook Subcommittee Caesars Palace, Octavius 23 (PS) Join the meeting now</p>
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11. Program – 25 min (Jim VanGilder).

<p>3:00 PM – 4:00 PM PST TC 4.10 Program Subcommittee Caesars Palace, Octavius 23 (PS) Join the meeting now</p>

Seminars to Attend:

8:00 AM – 9:00 AM PST
Seminar 3: Airflow Modeling for Flexible and Resilient Critical Facilities Design
Caesars Palace Las Vegas, (P), Neopolitan I/II

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4 Presentations

8:00 AM – 9:30 AM PST

Seminar 36: Indoor Environmental Quality in Early Childhood Facilities

Caesars Palace Las Vegas, P, Milano V/VI

4 Presentations

12. Website activity – 5 minutes (Stuart Dols).

13. New business – 15 min

14. Reports of relevant activities in other TCs

TC1.2 *Instruments and Measurements*

TC1.5 *Emerging Computer Applications* – Mohammad Heidarinejad

TC2.1 *Physiology and Human Environment*

TC2.3 *Gaseous Air Contaminants/Removal Equipment*

TC2.4 *Particulate Air Contaminants/Removal Equipment*

TC4.3 *Ventilation Requirements and Infiltration* – Duncan Phillips

TC4.7 *Building performance modeling* - Wangda Zuo

TC5.3 *Room Air Distribution* – Mike Koupriyanov

TC5.6 *Control of Fire and Smoke* – Dahai Qi

TC8.11 *Unitary and Room air Conditioners & Heat Pumps*- Chao Ding

TC9.2 *Industrial Air-Conditioning and Ventilation* – Duncan Phyfe

TC9.9 *Mission Critical Facilities* – Jim VanGilder

TC9.13 *Space Extraterrestrial And Deep Space Environmental Control Systems* – Chao-Hsin Lin

SSPC 55- *Thermal comfort* – Mike Koupriyanov

SSPC 62.1 - *Ventilation and Acceptable Indoor Air Quality* – James Lo (**need another point of contact**)

15. Honors and awards – 5 minutes (Mohammad Heidarinejad)

16. Agenda suggestions for next meeting

17. Adjournment