



1791 Tullie Circle, N.E. / Atlanta, GA 30329
404-636-8400

TC/TG/TRG MEETING AGENDA

TC/TG/TRG NO. (TITLE): TC 5.9 Enclosed Vehicular Facilities

DATE/TIME OF MEETINGS: February 4, 2020 3:30 - 6:00 PM

LOCATION: Orlando, FL

MAIN MEETING Tuesday 3:30 PM - 6:00PM Hilton Orlando, Lobby level, Lake Monroe B

- ❖ Call to Order. The Chair, Jane Miller, will call the meeting to order at 3:30 pm.
 - ❖ PLEASE SIGN SIGN-IN SHEETS going around the room; add any interest you have in subcommittee

- ❖ Identification of Voting Members
 - ❖ Voting members
 - Jane Miller – Chair
 - Matt Davy – Secretary
 - Yoon Ko – Programs subcommittee Chair
 - Yuan Li – Standards subcommittee Chair
 - David Hahm – Research subcommittee Chair
 - James McCarron
 - Duncan Phyfe
 - Bill Lampkin
 - Tom O'Dwyer

- ❖ Approval Minutes of Meeting: TC 5.9 in Kansas City 06/25/2019
- ❖ Chairman's Remarks – Jane Miller
 - ❖ Report from Sunday meeting, reorganization update, 5 year plan
 - ❖ Further discussion of 5 year plan under New Business

- ❖ Subcommittee Reports
 - Research Subcommittee (David Hahm)
 - Programs Subcommittee (Yoon Ko)
 - Standards Subcommittee (Yuan Li)
 - Handbook Subcommittee (Andrew Louie)
 - Webmaster (David Newman)

- ❖ New Business and Comments
 - ❖ **TC 5.9 5 year plan**
 - ❖ Discussion of TC 5.9, our place within ASHRAE and goals moving forward
 - ❖ see attached summary, Tip of the Spear letter/Larry Smith Section 5 Head

❖ Liaison Reports

- TC 5.1 (Asesh Raychaudhuri)
- TC 5.6 (Yoon Ko)
- NFPA 130 (Andrew Louie)
- NFPA 502 (Igor Maevski)
- PIARC (Ahmed Kashef)
- APTA (Nader Shahcheraghi)
- Mining (Jane Miller)

❖ Adjournment

❖ Next Meeting **June 30 – Austin, Texas**

VOTING MEMBERS, please make an effort to attend on time to make quorum.

SUBCOMMITTEE	DAY	TIME	LOCATION (Please verify room assignment)
Research	Tuesday	1:30 – 2:00 pm	Hilton Orlando, L, Lake Monroe B
Programs	Tuesday	2:00 - 2:30 pm	Hilton Orlando, L, Lake Monroe B
Handbook	Tuesday	2:30 - 2:45 pm	Hilton Orlando, L, Lake Monroe B
Standards	Tuesday	2:45 -3:00 pm	Hilton Orlando, L, Lake Monroe B
MAIN MEETING	Tuesday	3:30 - 6:00 pm	Hilton Orlando, L, Lake Monroe B

Hilton Orlando, Lobby level, Lake Monroe B

5.9 Co-Sponsor for Orlando Technical Programs:

Monday, February 3 9:45 – 10:45 am

- **Fire Safety Challenges for Green Building Features** Sponsor 5.6; Co-Sponsor 5.9

1. **Fire Safety Challenges for Green Building Features** *Yoon Ko, Ph.D., Member, NREL, Ottawa, ON, Canada*
2. **Smoke Control for Sustainable Buildings** *Dahai Qi, Ph.D., Université de Sherbrooke, Sherbrooke, QC, Canada*
3. **The Study of Future Climate Change Impacts and Smart City Design** *Liangzhu Wang, Concordia University, Montreal, QC, Canada*

Tuesday February 4 9:45 – 10:45 am

- **Why Isn't My Fan Working? The Complex World of Fan/System Interactions** Sponsor 5.1, Co-Sponsor 5.9

1. **Fan and System Curve Basics and Intro to System Effects** *Brent Fullerton, Loren Cook Co., Springfield, MO*
2. **A Note to My Younger Self: What a New Engineer Should Know about System Effects** *Jay Eldridge, Member, Daikin Applied, Minneapolis, MN*
3. **Stability and System Interactions with Axial Fans** *Michael Feuser, P.E., Member, Twin City Clarage, Inc., Pulaski, TN*