

**ASHRAE TC 4.10 - Indoor Environmental Modeling; Main Committee Meeting – Chicago, Illinois
2:15 pm – 4:15 pm, Monday January 22, 2018, Palmer House Hilton Floor 7: Montrose 1
MEETING AGENDA**

SCOPE: TC 4.10 is concerned with developing, evaluating and recommending procedures for predicting indoor environmental conditions including thermal, acoustical, illumination, and air quality for new or existing buildings.

1. Call to order - Chair (Mike Koupriyanov)
2. Welcome and introductions (Mike Koupriyanov)
3. Roll call (Leon Wang) – voting members

Mike Koupriyanov	James Lo	Donghyun Rim	Chao-Hsin Lin
Cheng-Xian (Charlie) Lin	James Bennet	Wangda Zuo	Xudong Yang ¹
Yan Chen	Reza Ghias	Stuart Dols	Tengfei (Tim) Zhang ¹

Officers: Mike Koupriyanov (Chair), Wangda Zuo (Vice Chair), James Lo (Secretary), Leon Wang (Membership), Charlie Lin (Research), Jim Van Gilder (Program), James Lo (Handbook), Stuart Dols (Webmaster), Honors & Awards (Chao-Hsin Lin), John Zhai (ALI)

4. Approval of Long Beach meeting minutes - vote
5. Announcements and reports (Mike Koupriyanov)
 - Recent TC officers changes
 - Chair's Breakfast - Sunday (01/21/2018), 6:30 am-8:00 am, Palmer House Hilton Floor 4: Grand Ballroom
6. Membership (Leon Wang)
 - Rolling off VM in June 2018 (after this meeting): James Lo
 - Rolling on VM in June 2018: additional VM required, discuss with committee
7. Standards/Guidelines
 - Open discussion – develop standard for CFD codes similar to standard 140 (Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs) developed by TC 4.7
8. Research (Charlie Lin). Sunday (01/21/2018), 5:00 - 6:00 PM, Palmer House Hilton Floor 7: Clark 9
 - RP-1675 “Experimental Benchmark Data for Data Center Numerical Modeling” (J. VanGilder)
 - RTAR-1744 “Guidelines for accurate indoor environment modeling of natural ventilation” (M. Cook)
 - RTAR-1827 “CFD Particle Inhalation Modeling of Aircraft Cabins...” (R. Horstman)
 - RTAR-1828 “ Flow Characteristics of Installed Flex Ducts” (Chao-Hsin Lin)
- Co-sponsored projects
 - WS 1748 “Assess and Implement Natural and Hybrid Ventilation Models in Whole-Building Energy Simulations – Phase 2” – TC 4.7 is cognizant, Vote for TC 4.10 to co-sponsor?
 - RP-1675 is co-sponsored by TC9.9
9. Handbook (James Lo). Sunday (01/21/2018), 4:00 - 5:00 PM, Palmer House Hilton Floor 7: Clark 9
10. Program (Jim VanGilder). Sunday (01/21/2018), 3:00 - 4:00 PM, Palmer House Hilton Floor 7: Clark 9
11. Web site activity (Stuart Dols)
12. Report of relevant activities in other TCs
 - TC1.2 *Instruments and Measurements*
 - 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* – Leon Wang
 - TC5.3 *Room Air Distribution* - John Jenssen
 - TC5.6 *Control of Fire and Smoke*
 - TC5.8 *Industrial Ventilation* – Jamie Bennett
 - TC9.3 *Transportation* - Ray Horstman
 - TC9.6 *Healthcare Facilities*
 - TC9.9 *Mission Critical Facilities* – Jim VanGilder
13. Honors and awards
14. New business
15. Agenda suggestions for next meeting
16. Adjournment

¹International non-quorum member