

**ASHRAE TC 7.5, Smart Building Systems
2018 Summer Meeting
Houston, TX**

Sunday, 6/24/2018	Room
2:30 PM - 3:15 PM Fault Detection and Diagnosis	Grand C/Hilton (4th floor)
3:15 PM - 4:00 PM Enabling Technologies	Grand C/Hilton
4:00 PM - 4:45 PM Smart Grid	Grand C/Hilton
4:45 PM - 5:30 PM Handbook - Cancelled	Grand C/Hilton
5:30 PM - 6:00 PM Program	Grand C/Hilton
Monday, 6/25/2018	Room
4:30 PM - 5:15 PM Building Operations Dynamics	370 ABDE/GRBCC (3rd floor)
5:15 PM - 6:00 PM Research	370 ABDE/GRBCC
Tuesday, 6/26/2018	Room
3:30 PM - 6:00 PM Main TC meeting	370 CF/GRBCC (3rd floor)

Sponsoring:

Seminar 2: Energy Analytics in Virtual Energy Audits

Track: HVAC&R Analytics

Room: 372AD

Sponsors: 7.6 - Building Energy Performance and 7.5 - Smart Building Systems

Seminar 8: Optimization for Intelligent Building Controls

Track: HVAC&R Control Freaks

Room: 372BE

Sponsors: 1.13 - Optimization and 7.5 - Smart Building Systems

Seminar 11: Applying Analytics to Existing HVAC Systems: Benefits, Challenges and Lessons Learned

Track: HVAC&R Analytics

Room: 371DE

Sponsors: 1.4 - Control Theory and Application and 7.5 - Smart Building Systems

Seminar 18: Outcomes from IEA EBC Annex 66 Project on Occupant Behavior

Track: HVAC&R Analytics

Room: 372BE

Sponsors: MTG.OBB - Occupant Behavior in Buildings and 7.5 - Smart Building Systems

Seminar 27: Supermarket Refrigeration System Diagnostics: Opportunities and State of the Art

Track: Research Summit

Room: 372BE

Sponsors: 7.5 - Smart Building Systems and 10.7 - Commercial Food and Beverage Refrigeration Equipment

Seminar 29: Control Freaks and Internet of Things Geeks: The Future of Building Automation

Track: HVAC&R Control Freaks

Room: 371AB

Sponsors: 1.4 - Control Theory and Application and 7.5 - Smart Building Systems

Seminar 43: What is BACnet Tagging About?

Track: HVAC&R Control Freaks

Room: 372BE

Sponsors: 7.5 - Smart Building Systems, 1.4 - Control Theory and Application and SSPC 135, TC 1.5

Seminar 50: Assessing the Impacts of Extreme and Future Weather Scenarios on the Building, City and Grid Scale

Track: Safeguarding Your HVAC&R System

Room: 371AB

Sponsor: 7.5 - Smart Building Systems

Seminar 60: Building Simulation Tools and Models Needed for Assessing the Impacts of Extreme and Future Weather Scenarios on the Building, City and Grid Scale

Track: Safeguarding Your HVAC&R System

Room: 372AD

Sponsor: 7.5 - Smart Building Systems

DRAFT AGENDA

Location: [370 CF/GRBCC \(3rd floor\)](#)

Date: Tuesday, June 26, 2018

Time: 3:30 - 6:00 p.m.

1. Welcome
2. Roll Call and Introductions. Review VMs, CMs, and PCMs after July 1, 2018 changes.
3. Scope
TC 7.5 is concerned with the performance and interactions of smart building systems, the impact of smart systems on the total building performance, methods for achieving more intelligent control and operation of building processes, interactions of smart buildings with utilities, and documentation of the benefits of smart buildings and smart building systems as they relate to energy consumption, cost of operation, maintenance, occupant comfort, building commissioning, operations, and impact of the SBS on utilities and natural resources.

ASHRAE Code of Ethics Commitment – Chair

In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, integrity and respect for others, and we shall avoid all real or perceived conflicts of interests. (See full Code of Ethics: <https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics>.)

4. Discussion/Approval of Chicago Minutes
5. Announcements
 - Thank you letter offer (see attachment)
 - Others?
6. Liaison Reports: TC 1.4, TC 1.5, TC 1.6, TC 7.3, SPC 207P
 - Guideline 36 Prospectus (TC 1.4 initiative, see attachment)
7. Fault Detection and Diagnosis Subcommittee (Yuebin Yu)
 - WS and RP updates
8. Enabling Technologies Subcommittee (Carol Lomonaco)
 - WS and RP updates
9. Smart Grid Subcommittee (Liping and Joe for Kristen Chetin)
 - WS and RP updates
10. Buildings Operations Dynamics Subcommittee (Li Song for Zheng O'Neill)
 - WS and RP updates
11. Research (David Yuill)
 - WS and RP updates

12. Program (Eric Yang)
 - Atlanta program submission plan
13. Handbook (Vern Smith)
 - Chapter 61 Review and vote
14. Standards (Jin Wen)
15. Web Page (Mike Galler)
16. Old Business
17. New Business
18. Adjournment