

TC/TG/SPC MEETINGS

The ASHRAE Technical Committees, Task Groups and Technical Resource Groups listed below usually meet at each Society Winter and Annual Meetings. Attendance at these meetings is open to all society members, to all registered guests at scheduled Society meetings, and to those invited by the chairman at the request of a member. You are encouraged to attend any of these meetings in which you have a technical interest.

Policy for scheduling TC/TG/SPC Meetings

TC and TG meetings will be automatically scheduled on the same day and time based upon the previous meeting schedule. Any changes to the time slot must be made in writing. All TC/TG subcommittees must be scheduled for each meeting. All SPC meetings must be confirmed prior to scheduling.

Audiovisual equipment must be ordered for each meeting and only advance orders will be guaranteed. LCD projectors are not available.

Location Codes:

LBCC = Long Beach Convention Center

H/ = Hyatt Regency

R/ = Renaissance Hotel

R/R. Ballroom = Renaissance Ballroom in Renaissance Hotel

NUMBER	TITLE	DAY	TIME	Location
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TC/TG Chair's Breakfast, Sunday, 6:30-8:00 a.m.

	Location
Section 1, (29)	LBCC/102A
Section 2, (21)	LBCC/102C
Section 3, (15)	LBCC/103C
Section 4, (17)	LBCC/202C
Section 5, (29)	LBCC/103A
Section 6, (25)	LBCC/203A
Section 7, (23)	Hyatt, Shoreline B (1)
Section 8, (23)	LBCC/203C
Section 9, (25)	LBCC/203B
Section 10, (25)	Hyatt, Regency Ballroom E (4)

TC/TG Chair's Training Workshop	Sunday	3:15-4:15p	LBCC/201B (2)
Research Subcommittee Breakfast	Monday	6:30-8:00a	Hyatt/Regency F (4 th floor)

TC 1.1 Thermodynamics & Psychrometrics (15)	Monday	2:15-4:15p	LBCC/303*
<i>Sponsoring: Seminar 34. Exergy 101 for Beginners; Transactions Session 5. Exergy Efficient Systems and Applications for Sustainable Buildings; Transactions Session 8. Exergy: a New Frontier in Green Building Simulation</i>			
*Seaside room – see diagram, follow signs for entrance into the Seaside section			

TC 1.2 Instruments & Measurements (15)	Tuesday	1:00-3:30p	R/Raphael (3)
TC 1.2 Standards/Handbook (12)	Monday	4:15-6:30p	R/Boardroom I (3)

TC 1.3 Heat Transfer & Fluid Flow (25)	Tuesday	1:00-3:30p	LBCC/204 (2)
<i>Sponsoring: Seminar 74. Electronics Cooling: Techniques and Applications</i>			
TC 1.3 Handbook	Saturday	1:00-3:00p	R/Roselli (3)
TC 8.5/1.3 Research (20/15)	Sunday	3:00-7:00p	LBCC/201A

TC 1.4 Control Theory & Application (40)	Tuesday	1:00-3:30p	LBCC/203 A (2)
<i>Sponsoring: Seminar 50. Pressure Independent Valves</i>			
TC 1.4 Green Building Controls/System Integration	Sunday	2:00-3:00p	LBCC/203A
TC 1.4 Control Components&Applications 2/28(screen)	Sunday	3:00-3:45p	LBCC/203A
TC 1.4 Program (20)	Sunday	3:45-4:15p	LBCC/203A
TC 1.4 Handbook (15)	Sunday	4:15-5:30p	LBCC/203A

TC 1.4 Reference Applications (10)	Sunday	5:30-6:30p	LBCC/203A
TC 1.4 Research (20)	Monday	2:15-4:15p	LBCC/306A*
TC 1.4 Executive (15)	Tuesday	7:00-8:00a	R/Boardroom II (3)
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
TC 1.5 Computer Applications (25/25)(screen/E)	Monday	6:30-9:00p	LBCC/302*
TC 1.5 RP 1354-PMS (5/5)(OVH)	Monday	8:00-10:00a	R/R.Ballroom III (2 nd level)
TC 1.5 Internet/Emerging Applications (25)(Screen/E)	Sunday	5:00-6:30p	LBCC/103A
TC 1.5 Program/Research (15)	Sunday	6:30-8:30p	LBCC/103A
TC 1.5 Handbook	Monday	6:00-6:30p	LBCC/308A*
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
TC 1.6 Terminology (8/6)	Monday	4:15-6:30p	LBCC/303*
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
TC 1.7 Business, Management & General Legal Education (20/5)	Monday	10:15a-12:15p	LBCC/203A (2)
<i>Sponsoring: Seminar 22. Lessons Learned: Case Studies From the Real World of Lawsuits</i>			
TC 1.8 Mechanical Systems Insulation (8/7)	Monday	4:15-6:30p	LBCC/103A (1)
TC 1.8 Research	Sunday	9:00-10:00a	R/Roselli (3)
TC 1.8 Program	Sunday	10:00-10:30	R/Roselli
TC 1.8 Handbook	Sunday	10:30a-Noon	R/Roselli
TC 1.9 Electrical Systems (20)	Tuesday	3:30-6:00p	Hyatt/Pacific (1)
TC 1.10 Cogeneration Systems (20/10)	Tuesday	3:30-6:00p	R/Sicilian B (2)
<i>Sponsoring: Seminar 24. Economic and Environmental Benefits of Turbine Inlet Cooling; Seminar 47. California Gold Rush: Cashing in on Sustainability with CHP in California</i>			
TC 1.10 Program/Research/Membership (15/10)	Tuesday	1:00-3:30p	R/Sicilian B
TC 1.10 CTIC/Handbook(8/4)	Monday	4:15-6:30p	LBCC/302*
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
TC 1.11 Electric Motors and Motor Control (20)	Tuesday	1:00-3:30p	R/R.Ballroom IV (2nd level)
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
TC 1.12 Moisture Management in Buildings (15/25)	Saturday	1:00-3:00p	LBCC/102A (1)
<i>Sponsoring: Seminar 28. Moisture Management Issues in Residential and Commercial Buildings Part 1</i>			
TC 1.12 PMS Hot & Humid Climate Design Guide	Saturday	8:00-10:30a	LBCC/102A
TC 1.12 Programs/Handbook/Research (10)	Saturday	10:30-12N	LBCC/102A
TC 2.1 Physiology & Human Environment (15/10)	Tuesday	1:00-3:30p	Hyatt/Pacific (1)
<i>Sponsoring: Seminar 52. Thermal Comfort and IAQ in Naturally Ventilated Environments</i>			
TC 2.2 Plant and Animal Environment (20/5)	Monday	4:15-6:30p	LBCC/306B*
TC 2.2 PMS 1301 –RP (6)	Monday	10:30a-Noon	
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
TC 2.3 Gaseous Air Contaminants /Removal Equip. (18/30)	Tuesday	1:00-3:30p	R/R.Ballroom V (2nd Level)
<i>Sponsoring: Forum 7. Measurement of Gas Phase Contaminants: Input for Guideline GPC27P; Forum 11. Is Green Clean? IAQ and Energy Efficiency for LEED and Green Buildings; Seminar 5. Natural Ventilation in Schools: Boon or Bust?</i>			
TC 2.3 Research (15/15)(OVH/Flip)	Sunday	5:00-7:00p	LBCC/204 (2)
TC 2.3 Publications (10/10)(OVH/Flip)	Monday	3:00-4:00p	R/Da Vinci (3)
TC 2.3 Handbook (10/10) (OVH/Flip)	Monday	4:15-6:00p	R/R.Ballroom II
TC 2.3 Standards (20/10)(OVH/Flip)	Monday	6:00-8:00p	LBCC/201A (2)
TC 2.3 Program (10/10)(Flip/OVH)	Tuesday	11:30-1:00p	R/R. Ballroom V
TC 2.4 Particulate Air Contaminants /Removal Equip. (18/30)	Tuesday	3:30-6:00p	R/R.Ballroom V

<i>Sponsoring: Seminar 11. Impact of Prefiltration and Filter Selection for Energy Savings and Reduced Maintenance</i>			
TC 2.4 Research (20/50)(OVH/Flip)	Sunday	3:00-5:00p	LBCC/204 (2)
TC 2.4 Publications (10/10)(OVH/Flip)	Monday	3:00-4:00p	R/Da Vinci (3)
TC 2.4 Handbook (10/10)(OVH/Flip)	Monday	4:15-6:00p	R/Da Vinci
TC 2.4 Standards (20/10)(OVH/Flip)	Monday	4:15-6:00p	LBCC/201A (2)
TC 2.4 Program (20/40)OVH/Flip)	Tuesday	11:30-1:00p	R/R.Ballroom V
TC 2.5 Global Climate Change (20/10)	Tuesday	1:00-3:30p	LBCC/201B
TC 2.6 Sound & Vibration Control (75)	Monday	2:15-4:15p	R/Sicilian B
<i>Sponsoring: Seminar 8. Acoustics for Green Buildings</i>			
TC 2.6 RP 1219 PMS (15)	Sunday	7:00-8:00a	R/Sicilian A (2)
TC 2.6 RP 1314 PMS (15)	Sunday	8:00-9:00a	R/Sicilian A
TC 2.6 RP 1322 PMS (15)(Screen/Flipchart)	Sunday	9:00-10:15p	R/Sicilian A
TC 2.6 Room Measurement (25)	Sunday	10:15-10:45a	R/Sicilian A
TC 2.6 Programs (25)	Sunday	3:15-4:00p	R/Sicilian A
TC 2.6 Analysis CD	Sunday	4:00-5:00p	R/Sicilian A
TC 2.6 Publications	Sunday	5:00-6:00p	R/Sicilian A
TC 2.6 Excom (10)	Sunday	6:00-7:00p	R/Sicilian A
TC 2.6 Criteria	Monday	7:30-8:30a	R/Sicilian B (2)
TC 2.6 Vibration Isolation	Monday	8:30-10:00	R/Sicilian B
TC 2.6 Research (25)	Monday	10:00-11:30a	R/Sicilian B
TC 2.7 Seismic and Wind Restraint Design (24/6)	Tuesday	3:30-6:00p	LBCC/203B (2)
<i>Sponsoring: Seminar 15. Acoustics vs. Seismic: Point of View of the Acoustician, OEM, Seismic Hardware Manufacturer and Code Official; Seminar 30. New ASHRAE Seismic Resistant Standard and California Seismic Code Review</i>			
TC 2.7 Publications, Membership, Research, Programs (15/10)	Tuesday	1:00-3:30p	LBCC/203B
TC 2.7 1323-RP(20)	Tuesday	11:00-Noon	LBCC/203B
TC 2.8 Building Environmental Impacts and Sustainability (75)(OVH)	Sunday	5:00-7:00p	LBCC/201B
<i>Sponsoring: Seminar 43. The ASHRAE Green Guide, 2nd Edition; Seminar 60. The Energy Performance Buildings Directive in the EU: Implementation in Existing Building Stock; Transactions Session 1. How Low Can You Go? Case Studies of Low-Energy Buildings</i>			
TC 2.8 Material and Systems (35)(OVH)	Sunday	12:30-1:30p	H/Regency D (4)
TC 2.8 Delivery Process (35)(OVH)	Sunday	1:30-2:30p	H/Regency D
TC 2.8 Handbook (35)(OVH)	Sunday	2:30-4:00p	H/Regency D
TC 2.8 Green Guide (35)(OVH)	Sunday	4:00-5:00p	H/Regency D
TC 2.9 UVAS Ultraviolet(UV)Air and Surface Treatment(20)	Monday	10a-Noon	R/Sienna (2)
<i>Sponsoring: Forum 10. Experience with Coil Fouling, UV and Energy Savings in HVAC Systems; Seminar 80. UVGI Installations in Government Buildings: Exploring the Knowns, Unknowns, and Gaps Regarding Potential Benefits for Public Health, Employee Safety, and Energy Efficiency</i>			
TC 2.9 Research, Program, Handbook, Standards	Monday	8:00-10:00a	R/Sienna (2)
TC 3.1 Refrigerants & Secondary Coolants (20/10)	Monday	4:15-6:30p	R/Corscian (2)
TC 3.1 TRP-1303	Monday	11:00-11:30	
TC 3.1 Research (5/5)	Monday	11:00a-12p	R/Raphael (3)
TC 3.1 Program and Handbook (6/4)	Monday	2:15-4:15p	R/Raphael
TC 3.2 Refrigerant System Chemistry (90)	Monday	2:15-4:15p	LBCC/204
<i>Sponsoring: Seminar 44. The History of System Chemistry</i>			
TC 3.2 Research (8/4)	Sunday	4:00-5:00p	R/Roselli (3)
TC 3.3 Refrigerant Contaminant Control (50)	Tuesday	3:30-6:00p	LBCC 102A (1)
TC 3.3 Research (8/4)	Sunday	5:30-6:00p	R/Roselli (3)
TC 3.4 Lubrication (60)	Tuesday	1:30-3:30p	LBCC/102A (1)
<i>Sponsoring: Seminar 53. Lubrication of Variable Speed Compressors</i>			
TC 3.4 Research (8/4)	Sunday	5:00-5:30	R/Roselli (3)
TC 3.6 Water Treatment (18/10)	Wednesday	1:30-4:00p	LBCC/102C (1)
TC 3.6 Handbook/Program/Research (12/4)	Sunday	3:00-5:00p	LBCC /306A*

TC 3.6 RP 1307 PMS (7/15) *Seaside room – see diagram, follow signs for entrance into the Seaside section	Tuesday	10:00a-12N	
TC 3.8 Refrigerant Containment (9/5)	Monday	4:15-6:30p	LBCC/Speaker's Lounge-Room 104
<i>Sponsoring: Forum 2. Refrigerant Emissions: An Opportunity to Update the Responsibility Use Guidelines</i>			
TC 4.1 Load Calculation Data and Procedures (20/10)	Monday	2:15-4:15p	LBCC/203C (2)
<i>Sponsoring: Seminar 49. Integrated Design Load Calculations</i>			
TC 4.1 RP 1326 PMS (12) (Screen)	Sunday	8:00-10:00a	LBCC/305B*
TC 4.1 RP 1311 PMS (12)	Sunday	10:00-Noon	LBCC/305B*
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
TC 4.2 Climatic Information (20)(OVH)	Tuesday	1:00-3:30p	LBCC/103B (1)
<i>Sponsoring: Seminar 48. Climate Change: Modeling the Weather and Its Potential Impacts on Building Performance</i>			
TC 4.2 1363-RP PMS (15) (OVH)	Sunday	8:00-10:00a	LBCC/203B
TC 4.2 Handbook /1453-RP PMS (10/6)(OVH)	Sunday	1:00-3:00p	LBCC/301*
TC 4.2 Research (10/6) (OVH)	Monday	4:15-6:00p	R/Raphael (3)
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
TC 4.3 Ventilation Requirements & Infiltration (14/20)	Monday	4:15-6:30p	LBCC/203A (2)
<i>Sponsoring: Seminar 37. Natural Ventilation: Modeling and Measurements, Part 2: Case Studies; Seminar 39. Ventilation and IAQ in Apartment Buildings</i>			
TC 4.3 Research (10/15)	Monday	2:15-4:15p	LBCC/203A
TC 4.3 PMS 1167	Sunday	4:00-5:00p	
TC 4.3 Handbook (5/5)	Sunday	5:00-6:00p	R/Boardroom IV
TC 4.3 Program (55)	Sunday	6:00-7:00p	R/Boardroom IV (3 rd level)
TC 4.4 Bldg. Materials and Bldg. Envelope Performance (20/20)	Monday	2:15-4:15p	R/R. Ballroom IV (2nd Level)
<i>Sponsoring: Seminar 6. Moisture Performance of Details, Part 1: Claddings, Flashings, Wall Penetrations, etc.; Seminar 13. Moisture Performance of Details, Part 2: Claddings, Flashings, Wall Penetrations, etc.</i>			
TC 4.4 RP 1235 (15/5)	Sunday	11a-12:30p	R/R. Ballroom II (2 nd level)
TC 4.4 RP 1325 (15/5)	Sunday	12:30-1:00p	R/R. Ballroom II
TC 4.4 Research (40)	Sunday	1:00-2:00p	R/R. Ballroom II
TC 4.4 Program (25)	Sunday	2:00-2:30p	R/R. Ballroom II
TC 4.4 Standards (20/20)	Sunday	2:30-3:00p	R/R. Ballroom II
TC 4.4 Handbook (20/5)	Sunday	3:00-6:00p	R/R. Ballroom II
TC 4.5 Fenestration (50)	Tuesday	1:00-3:30p	LBCC /103A (1)
<i>Sponsoring: Poster Session. Computer Simulation of Heat Loss Characteristics of Commercial Door Assemblies (RP-1236) (LB-07-027); Poster Session. Testing of Air Leakage and Heat Loss Characteristics of Commercial Door Assemblies (RP-1236) (LB-07-044)</i>			
TC 4.7 Energy Calculations (75)	Tuesday	6:00-8:30p	R/R. Ballroom V (2nd level)
<i>Sponsoring: Seminar 9. Application of Simulation in the 2007 Solar Decathlon Competition</i>			
TC 4.7 Data-Driven Modeling (40)	Monday	6:00-7:30p	R/R. Ballroom III
TC 4.7 Simulation and Component Models (30)	Monday	7:30-9:00p	R/R. Ballroom III
TC 4.7 Applications (40)	Tuesday	3:30-5:00p	R/R. Ballroom III
TC 4.7 Handbook (10)	Tuesday	5:00-6:00p	R/R. Ballroom III (2 nd level)
TC 4.10 Indoor Environmental Modeling (40)	Monday	2:15-4:15p	LBCC/302*
<i>Sponsoring: Forum 8. Naturally Ventilated Buildings: What Needs to Be Included to Design Them Properly?; Seminar 29. Natural Ventilation: Modeling and Measurements Part 1, State of the Art in Prediction and Design; Transactions Session 07. Applications of Multizone Airflow and Contaminant Transport Modeling</i>			
TC 4.10 RP 1321 PMS	Sunday	3:00-4:00p	H/Harbor B (1)
TC 4.10 RP 1271 PMS	Sunday	4:00-5:00p	H/Harbor B
TC 4.10 Research (30)	Sunday	5:00-6:30p	H/Harbor B

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TC 4.10 Handbook (10)	Sunday	6:30-8:00p	H/Harbor B
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
TC 5.1 Fans (25)	Monday	4:15-7:00p	R/Sicilian B (2)
<i>Sponsoring: Seminar 36. Inlet installation Effects on Air and Sound Performance of Propeller Fan</i>			
TC 5.1 Handbook, Research, Program (15)	Sunday	3:00-5:00p	H/Harbor A (1)
TC 5.1 PMS 1272 (8) (Screen)	Monday	8:30-9:30a	R/Raphael (3)
TC 5.1 PMS 1223 (8) (Screen)	Monday	11:00-Noon	R/Ballroom II (2)
TC 5.2 Duct Design (12/20)	Tuesday	3:30-6:00p	LBCC/201B (2)
<i>Sponsoring: Seminar 20. Pressure Losses in Modern-Construction Air Duct Systems; Poster Session. Static Pressure Losses in 6", 8", and 10" Non-Metallic Flexible Duct (RP-1333) (LB-07-042)</i>			
TC 5.2 TRP 1319	Sunday	11:00-Noon	No room
TC 5.2 TRP 1333	Sunday	12:00-1:00p	assigned
TC 5.2 Research (8/4)	Sunday	1:00-3:00p	Please use
TC 5.2 1180-TRP Design Guide for Duct Systems (10)	Sunday	3:00-5:00p	one of the
TC 5.2 Handbook (8)	Sunday	5:00-7:00p	rounds set
TC 5.2 Database Maint. (8)	Sunday	7:00-9:00p	up at LBCC
TC 5.2 Program Evaluation (8)	Monday	6:30-7:30p	H/Shoreline B (1)
TC 5.3 Room Air Distribution (25/15) (screen)	Tuesday	1:00-3:30p	R/Sienna (2)
<i>Sponsoring: Seminar 1. Chilled Beams: Research and Case Studies of Benefits; Seminar 19. Modeling Stratified Room Air Distribution Systems with Energy Simulation Tools</i>			
TC 5.3 Handbook (10/10)(screen)	Friday	8:00-2:00p	LBCC/203A (2)
TC 5.3 Handbook (15) (screen)	Saturday	8:00-3:00p	R/Da Vinci (3)
TC 5.3 RP 1373 (6/10) (screen)	Sunday	1:00-3:00p	LBCC/103A (1)
TC 5.3 RP 1438 PMS (Screen)	Sunday	1:00-2:00p	LBCC/102C (1)
TC 5.3 RP 1292 PMS (30)	Sunday	1:00-2:00p	LBCC/302*
TC 5.3 Research (30)	Sunday	2:00-2:30p	LBCC/302*
TC 5.3 Program (30)	Sunday	2:30-3:00p	LBCC/302 *
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
TC 5.4 Industrial Process Air Cleaning (30)	Monday	2:15-4:15p	LBCC/201B (2)
TC 5.5 Air-to-Air Energy Recovery (22/4)	Tuesday	3:30-6:00p	R/R.Ballroom II (2nd level)
<i>Sponsoring: Forum 16. Energy Recovery Systems Save Natural Resources, So Why Aren't They Used More Often?</i>			
TC 5.5 Handbook, Program, Research (10/5)	Monday	4:15-6:30p	R/Sienna (2)
TC 5.6 Control of Fire & Smoke (30)	Monday	4:15-6:30p	R/San Marco (2)
TC 5.6 Program (10/7)	Sunday	3:00-4:00p	R/Capri (2)
TC 5.6 Research	Sunday	4:00-5:30p	R/Capri
TC 5.6 Handbook	Sunday	5:30-6:00p	R/Capri
TC 5.6 Standards	Sunday	6:00-6:30p	R/Capri
TC 5.6 Guideline 5	Monday	2:15-4:15p	R/San Marco
TC 5.7 Evaporative Cooling (30)	Monday	4:15-6:30p	LBCC/201B (2)
<i>Sponsoring: Seminar 61. Evaporative Cooling Strategies to Reduce Peak Electric Demand, Part 1; Seminar 64. Evaporative Cooling Strategies To Reduce Peak Electric Demand, Part 2</i>			
TC 5.7 Research and Handbook (10/5)	Sunday	3:00-4:00p	LBCC/301*
TC 5.7 Programs (10/5)	Sunday	4:00-5:00p	LBCC/301*
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
TC 5.8 Industrial Ventilation Systems (25)	Monday	4:15-6:30p	R/R.Ballroom IV (2nd level)
<i>Sponsoring: Forum 13. The Hot Potato, and Is It Glowing?</i>			
TC 5.9 Enclosed Vehicular Facilities (30/10)	Tuesday	3:30-6:00p	R/San Marco (3)
TC 5.9 CFD benchmark for enclosed vehicular facilities (25)	Sunday	3:00-5:00p	LBCC/302*
TC 5.9 Program, Handbook, Research & Membership (25/15)	Tuesday	1:00-3:30p	R/San Marco
*Seaside room – see diagram, follow signs for entrance into the Seaside section			

TC 5.10 Kitchen Ventilation (20/10)(screen)	Sunday	4:00-5:30p	LBCC/203C
<i>Sponsoring: Seminar 25. Energy Efficiency and Innovations in Commercial Kitchens; Seminar 38. Fire and Other Issues of CKV Duct Systems - Part 1; Seminar 42. Fire and Other Issues of CKV Duct Systems - Part 2</i>			
TC 5.10 PMS 1362 & 1375 (screen)	Saturday	Noon-3:00p	LBCC/203A
TC 5.10 Standard (screen)	Sunday	8:00a-Noon	LBCC/203C
TC 5.10 Research	Sunday	1:00-2:30p	LBCC/203C
TC 5.10 Handbook	Sunday	2:30-3:00p	LBCC/203C
TC 5.10 Program	Sunday	3:00-4:00p	LBCC/203C
TC 5.11 Humidifying Equipment (5/2)	Monday	2:15-4:15p	LBCC/305A*
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
TC 5.2,6.1,6.3,6.5,6.7,6.8,6.10,8.11,9.5			
Residential and Small Commercial Research Coordination Group (18)	Sunday	8:00-10:00a	R/R.Ballroom III (2 nd level)
TC 6.1 Hydronic & Steam Htg. Equip & Sys (35/15)	Tuesday	1:00-3:30p	LBCC/103C (1)
<i>Sponsoring: Forum 1. Hydronic System Energy Performance Requirements for ASHRAE Standard 90.1; Seminar 45. Variable Speed Pumping Systems</i>			
TC 6.2 District Energy (40)	Sunday	3:00-5:00p	H/Regency E (4)
TC 6.3 Central Forced Air Htg. & Cooling Sys (30)	Tuesday	1:00-3:30p	LBCC/201A (2)
<i>Sponsoring: Forum 14. What is Needed to Commission Air Distribution Systems for Small Commercial Buildings? Seminar 66. Heating with Forced Air Heat Pump Systems: Past, Present and Future Transactions Session 03. Improvements in Manufactured Housing</i>			
TC 6.3 Research (12/6)	Monday	2:15-4:15p	R/Boardroom II (3 rd level)
TC 6.3 Program (12/6)	Monday	4:15-6:30p	R/Boardroom II
TC 6.3 Handbook (12/6)	Monday	6:30-9:00p	R/Boardroom II
TC 6.3 Standards (12/6)	Sunday	3:00-5:00p	R/Sienna (2)
TC 6.5 Radiant and Convective Space Heating & Cooling (17/10)	Monday	2:15-4:15p	LBCC/203B (2)
<i>Sponsoring: Seminar 7. Testing and Using Radiant Heating and Cooling Systems</i>			
TC 6.5 Research, Spec Pubs & Journal (6/8)	Sunday	3:00-4:00p	H/Harbor C (1)
TC 6.5 Handbook (6/8)	Sunday	4:00-5:00p	H/Harbor C
TC 6.5 Program (5/8)	Sunday	5:00-6:00p	H/Harbor C
TC 6.5 Snow/Ice Melt (5/8)	Sunday	6:00-7:00p	H/Harbor C
TC 6.6 Service Water Heating (18/40)(screen)	Monday	4:15-6:30p	LBCC/101B (1)
<i>Sponsoring: Seminar 41. Residential DHW: Distributing Hot Water</i>			
TC 6.6 Research (8/10)	Monday	10:00-Noon	LBCC/303*
TC 6.6 Handbook	Sunday	5:40-6:40p	LBCC/203C
TC 6.6 Water Efficiency Working Group	Sunday	7:00-9:00p	LBCC/203C
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
TC 6.7 Solar Energy Utilization (20/10)	Tuesday	1:00-3:30p	LBCC/203C (2)
<i>Sponsoring: Seminar 54. What's New Under the Sun?</i>			
TC 6.7 Handbook (9/20)	Monday	4:15-6:30p	Hyatt/Harbor B (1)
TC 6.7 Research/Program (6/5)	Monday	6:30-9:30p	Hyatt/Harbor B
TC 6.8 Geothermal Energy Utilization (16/25)	Tuesday	3:30-6:00p	R/Corscian (2)
<i>Sponsoring: Seminar 12. Ground Source Heat Pumps for Sustainability; Seminar 59. Novel Applications of Radiant Cooling with GSHPs</i>			
TC 6.8 Research, Program, Handbook (15/20)	Sunday	5:00-7:00p	LBCC/103C (1)
TC 6.8 RP-1384	Sunday	7:00-9:00p	LBCC/103C
TC 6.9 Thermal Storage (20/40)	Monday	2:15-4:15p	LBCC/201A (2)
<i>Sponsoring: Seminar 73. Secondary Benefits of Thermal Energy Storage; Seminar 76. Energy Performance of Thermal Energy Storage Systems</i>			

TC 6.9 Standards (screen)	Sunday	1:00-1:30p	LBCC/303*
TC 6.9 Program	Sunday	1:30-2:30p	LBCC/303
TC 6.9 Research	Sunday	2:30-3:30p	LBCC/303
TC 6.9 Handbook,	Sunday	3:30-4:30p	LBCC/303
TC 6.9 LRP (8/8)	Sunday	4:30-5:00p	LBCC/303

*Seaside room – see diagram, follow signs for entrance into the Seaside section

TC 6.10 Fuels & Combustion (30) Tuesday 3:30-6:00p LBCC/204 (2)

TC 7.1 Integrated Building Design (25/10) Monday 8:15-10:30a R/R, Ballroom I (2nd level)

TC 7.1 Research/Handbook (15)	Sunday	5:00-7:00p	LBCC/301*
TC 7.1 Program (15)	Sunday	5:30-7:30p	LBCC/305A*
TC 7.1 Specification Format (15)	Sunday	6:00-8:00p	LBCC/201A
TC 7.1 Special Publications (15)	Sunday	6:00-8:00p	LBCC/102C

*Seaside room – see diagram, follow signs for entrance into the Seaside section

TC 7.3 Operations & Maintenance Management (25/7) Tuesday 1:00-3:30p R/Corscian (2)

Sponsoring: Seminar 4. Finding the Funds for Good O&M: Success Stories, Part 1; Seminar 10. Finding the Funds for Good O&M: Success Stories, Part 2

TC 7.3 Standards/Program (7/3)	Monday	2:15-4:15p	R/Boardroom IV (3 rd level)
TC 7.3 Research/Handbook (7/3)	Monday	4:15-6:30p	R/Boardroom IV

TC 7.4 Building Operations Dynamics (40) Monday 4:15-6:30p LBCC/203B (2)

Sponsoring: Seminar 3. Emulators in Building Control Developments and Experience

TC 7.4 Research, Program, Handbook (30/10)	Sunday	6:30-9:00p	R/R, Ballroom II
TC 7.4 RP 1313 PMS (6/2)	Sunday	3:00-5:00p	LBCC/308A*
TC 7.4 RP 1252 PMS (6/2)	Sunday	5:00-7:00p	LBCC/308A

*Seaside room – see diagram, follow signs for entrance into the Seaside section

TC 7.5 Smart Building Systems (16/24) Tuesday 3:30-6:00p Hyatt/Shoreline A (1)

Sponsoring: Transactions Session 2. Automated Fault Detection and Diagnostics (FDD); Poster Session, Formulation of Generic Methodology for Assessing FDD Methods and Its Specific Adoption to Large Chillers (RP-1275) (LB-07-036)

TC 7.5 Fault Detection&Diagnosis (40)	Sunday	3:00-4:00p	LBCC/102C (1)
TC 7.5 Wireless Applications (40)	Sunday	4:00-5:00p	LBCC/102C
TC 7.5 Building/Utility Interface	Sunday	5:00-6:00p	LBCC /102C
TC 7.5 Research	Monday	2:00-3:00p	LBCC/103A
TC 7.5 1312-RP PMS	Tuesday	8:00-9:30a	Hyatt/Pacific (1)

TC 7.6 Systems Energy Utilization (30) Tuesday 1:00-3:30p R/R, Ballroom III (2nd level)

Sponsoring: Seminar 16. Benchmarking the Energy Performance of Commercial Buildings

TC 7.6 Working Group (25)	Saturday	1:00-3:00p	R/Sicilian A (2)
TC 7.6 Handbook (12)	Sunday	1:00-2:00	R/Boardroom II
TC 7.6 Research (12)	Sunday	2:00-4:00p	R/Boardroom II
TC 7.6 Monitoring & Energy Performance	Monday	2:15-4:15p	R/Roselli (3)
TC 7.6 Energy Management (12)	Monday	4:15-5:15p	R/Roselli
TC 7.6 Standards (12)	Monday	5:15-6:30p	R/Roselli
TC 7.6 Executive (12)	Monday	6:30-7:00p	R/Roselli

TC 7.7 Testing & Balancing (20/30) Monday 2:15-4:15p LBCC/101B (1)

*Seaside room – see diagram, follow signs for entrance into the Seaside section

TC 7.8 Owning & Operating Costs (25) Monday 2:15-4:15p LBCC/301*

TC 7.8 Research, Handbook, Programs (13/2)	Sunday	3:00-7:00p	R/Raphael (3)
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*Seaside room – see diagram, follow signs for entrance into the Seaside section

TC 7.9 Building Commissioning (30/20) Sunday 3:00-5:00p LBCC/101B (1)

Sponsoring: Seminar 63. Commissioning Sustainable Buildings; Seminar 78. Measurement and Verification for Retrocommissioning

TC 7.9 Handbook (6/4)	Saturday	8:00-10:00a	R/Boardroom III
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TC 7.9 Research (10/2)	Saturday	10:30-12:30p	R/Boardroom III
TC 7.9 Program/LRP (5/5)	Saturday	1:00-3:00p	R/Boardroom III (3 rd level)
TC 8.1 Positive Displacement Compressors (12/14)	Tuesday	3:30-6:00p	R/R.Ballroom IV(2nd level)
<i>Sponsoring: Seminar 32. Back to Basics: Compressors, Part 2</i>			
TC 8.2 Centrifugal Machines (20/8)	Monday	2:15-4:15p	R/R.Ballroom II (2nd Level)
<i>Sponsoring: Forum 4. Field Testing Chillers: What Are Your Expectations?, Seminar 55. Chiller Tower Control: Marketing Hype vs. Physics Basics</i>			
TC 8.3 Absorption and Heat Operated Machines (30)	Monday	3:30-6:00p	R/R.Ballroom V (2nd level)
<i>Sponsoring: Seminar 75. Emerging Technologies for Absorption/Sorption Systems; Transactions Session 4. Absorption/Sorption Chillers, Heat Pumps, and Refrigeration Systems</i>			
TC 8.3 Research (15/3)	Monday	2:00-3:30p	R/R.Ballroom V
TC 8.4 Air-to-Refrigerant Heat Transfer Equip (20/10)	Tuesday	3:30-6:00p	R/Capri (2)
<i>Sponsoring: Seminar 40. Design of Unitary Air Conditioners for California Efficiency Standards; Seminar 46. Advances in Refrigerant to Air Heat Transfer</i>			
TC 8.4 Research (10/10)(OVH)	Monday	6:30-9:00p	R/Capri (2)
TC 8.5 Liquid to Refrigerant Heat Transfer (25)	Monday	4:15-6:30p	LBCC/301*
<i>Sponsoring: Seminar 31. Two-Phase Flow at Micro/Nano Scale</i>			
TC 8.5/1.3 Research (20/15)	Sunday	3:00-6:00p	LBCC /201A
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
TC 8.6 Cooling Towers and Evaporative Condensers (25)	Monday	2:15-4:15p	H/Regency E (4)
<i>Sponsoring: Forum 3. Can Resource Conservation Be Achieved Through the Use of Evaporative Heat Rejection Systems</i>			
TC 8.6 Handbook	Sunday	3:00-5:00p	LBCC/305B*
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
TC 8.8 Refrigerant System Controls & Accessories (12/2)	Tuesday	1:00-3:30p	R/Roselli (3)
TC 8.8 Standards, Handbook (10/7)	Saturday	1:00-3:00p	Hyatt/Shoreline A
TC 8.8 Research (10/5)	Monday	2:15-4:15p	Hyatt/Harbor B (1)
TC 8.9 Residential Refrigerators and Food Freezers (12/10)	Monday	2:15-4:15p	LBCC/306B*
TC 8.9 Research (6)	Sunday	5:00-7:00	LBCC/202AB (2)
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
TC 8.10 Mechanical Dehumidifiers & Heat Pipes (12/4)	Tuesday	3:30-6:00p	R/Boardroom III (3rd Level)
<i>Sponsoring: Forum 5. Dedicated Outdoor-Air Systems (DOAS): What Information is Required to Develop a Uniform Design Guide?</i>			
TC 8.10 Handbook/Program /Standards (8/6)	Tuesday	2:00-3:30p	R/Boardroom III
TC 8.11 Unitary and Room Air Conditioners & Heat Pumps (30)	Monday	4:15-6:30p	R/Capri (2)
<i>Sponsoring: Seminar 79. Multi Split Systems and Variable Refrigerant Flow</i>			
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
TC 8.12 Desiccant Dehumidification Equip. and Components (30)	Monday	2:15-4:15p	R/Capri (2)
<i>Sponsoring: Forum 6. Do We Need Drier Air in Buildings?</i>			
TC 9.1 Large Building Air-Conditioning Sys (18/15)	Tuesday	1:00-3:30p	R/R.Ballroom II (2nd level)
<i>Sponsoring: Seminar 33. Case Studies, Part 1: Retrofits of Large Building HVAC Systems</i>			
TC 9.1 Standards Issues (5/5)	Monday	4:15-6:30p	LBCC-find an
open table in the Long Beach Convention Center – several rounds are available for small TC meetings			
TC 9.1 Research (5/5)	Tuesday	12:00-1:00p	R/Boardroom II

TC 9.1 Program (5/5)	Tuesday	12:00-1:00p	(3 rd level) R/Boardroom III
TC 9.1 Handbook (10/5)	Tuesday	12:00-1:00p	R/R.Ballroom II
TC 9.2 Industrial Air Conditioning (40)	Tuesday	1:00-3:30p	LBCC/102C (1)
TC 9.2 Nuclear (9/8)	Monday	2:15-4:15p	R/Sienna (2)
TC 9.2 Power Plant	Sunday	3:00-4:30p	R/Boardroom III
TC 9.2 Handbook (14/2)	Sunday	4:30-7:30p	R/Boardroom III
TC 9.2 Hazardous Spaces HVAC	Sunday	7:30-9:30p	R/Boardroom III (3 rd level)
TC 9.3 Transportation Air Conditioning (25/20)	Monday	3:30-6:00p	LBCC/103C (1)
TC 9.3 Automotive (15/10) (OVH)	Sunday	5:00-7:00p	LBCC/302*
TC 9.3 Handbook (5/10) (OVH)	Monday	9:00-10:00a	LBCC/306B*
TC 9.3 Aviation (5/10) (OVH)	Sunday	10:00-Noon	LBCC/203A (2)
TC 9.3 Research (15/15)(OVH)	Monday	2:00-3:30p	LBCC/103C (1)
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
TC 9.4 Applied Heat Pump/Heat Recovery Systems(13/25)	Tuesday	1:00-3:30p	R/R.Ballroom I (2nd level)
Sponsoring: Seminar 18. Heat Pump Sound and Acoustic Experiences			
TC 9.4 Research/Program/Handbook (10)	Monday	4:15-6:30p	LBCC/305B*
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
TC9.5 Residential and Small Bldg. Applications (20/10)	Tuesday	3:30-6:00p	R/R. Ballroom I (2nd level)
TC 9.5 Research/Program/Publications (20)	Monday	6:30-9:00p	R/R.Ballroom IV
TC 9.6 Health Care Facilities (30/30)	Sunday	5:00-7:00p	LBCC/101B
TC 9.6 Handbook, Program, Research (6/4)	Sunday	1:00-3:00p	R/Roselli (3)
TC 9.6 Infectious (10)	Sunday	1:00-3:00p	R/Boardroom IV
TC 9.7 Educational Facilities (20)	Tuesday	1:00-3:30p	R/Boardroom II (3rd level)
TC 9.8 Large Building Air-Conditioning Applications (30)	Monday	3:00-5:30p	R/Sicilian A (2)
TC 9.8 Hdbk, Museums, Retail, Hospitality, Comm/Public Bldgs. (20)	Monday	10:00a-Noon	R/Sicilian A
TC 9.8 Program, Research (20)	Monday	2:00-3:00p	R/Sicilian A
TC 9.9 Mission Critical Facilities (25/20)(OVH/screen)	Monday	2:15-9:30p	LBCC/308B
Sponsoring: Seminar 69. Utilizing Economizers in a Data Center; Seminar 71. Energy Efficient Controls for Data Centers			
Transactions Session 6. High Density Cooling Update			
TC 9.9 Program/Research/Handbook (20/5)(OVH)	Sunday	5:00-7:00p	R/Corscian (2)
TC 9.9 Long-Term Planning Workshop (20/5) (OVH)	Tuesday	1:00-6:00p	R/Sicilian A (2)
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
TC 9.10 Laboratory Systems (75)	Tuesday	3:30-6:00p	LBCC/201A (2)
Sponsoring: Forum 12. Laboratory Fume Hood Performance Testing: Getting the Most from Your Investment; Seminar 67. Reducing Air Flow Rates in Labs: Balancing Energy Savings with Risk; Seminar 72. Lab Design with Low Flow Chemical Fume Hoods			
Seminar 77. Laboratory Noise Control: Designing Quieter Systems			
TC 9.10 Standards (20)	Sunday	1:00-2:00p	H/Pacific (1)
TC 9.10 Research	Sunday	2:00-3:00p	H/Pacific
TC 9.10 Program (20)	Sunday	3:00-4:00p	H/Pacific
TC 9.10 Lab Classification (20)	Sunday	4:00-6:00p	H/Pacific
TC 9.10 Handbook (10)	Tuesday	1:00-3:30p	R/Boardroom IV (3 rd level)
TC 9.11 Clean Spaces (25/5)	Monday	2:45-4:45p	LBCC/202C (2)
Sponsoring: Seminar 23. New Development in Cleanroom HVAC Design, Testing, Decontamination and Construction Technologies			
TC 9.11 Program (10)	Monday	2:15-2:45p	LBCC/202C
TC 9.11 Handbook (10)	Monday	4:45-5:45p	LBCC/202C

TC 9.12 Tall Buildings (12/5) **Tuesday** **3:30-6:00p** **R/Boardroom II (3rd level)**

Sponsoring: Seminar 57. High Rise Residential Building HVAC Systems

TC 10.1 Custom Engineered Refrig Systems (30) **Monday** **2:15-4:15p** **R/Corscian (2)**

Sponsoring: Seminar 51. Refrigeration System Operation Techniques for Energy Cost Reduction

TC 10.1 Research/Handbook, (8/4) **Sunday** **5:00-7:00p** **LBCC/306A***

TC 10.1 Standards, Program (8/4) **Sunday** **5:00-7:00p** **LBCC/306B***

*Seaside room – see diagram, follow signs for entrance into the Seaside section

TC 10.2 Automatic Ice Making Plants/Skating Rinks(15) **Monday** **4:15-6:30p** **H/Harbor C (1)**

TC 10.3 Refrigerant Piping, Controls and Accessories (30) **Tuesday** **1:00-3:30p** **R/Capri (2)**

TC 10.3 Handbook (6) **Sunday** **1:00-3:00p** **R/Sienna (2)**

TC 10.3 RP 1327 PMS (15) **Monday** **8:00-10:00a** **R/Da Vinci (3)**

TC 10.4 Ultra-Low Temp Refrig & Cryogenics (15) **Monday** **4:15-6:30p** **Hyatt/Harbor A(1)**

TC 10.5 Refrig Distrib and Storage Facilities (13/10) **Tuesday** **3:30-6:00p** **R/Raphael (3)**

Sponsoring: Seminar 70. Specific Design Considerations for Refrigerated Storage Facilities

TC 10.6 Transport Refrigeration (20) **Monday** **4:15-6:30p** **LBCC/203C (2)**

TC 10.7 Commercial Food. Beverage Display & Storage (25/10) **Monday** **2:15-4:15p** **H/Regency D (4)**

Sponsoring: Seminar 62. Refrigeration Systems Using Natural Refrigerants; Seminar 68. Retrofit Technologies for Supermarket Refrigeration Systems and Display Cases

TC 10.7 Research (10/5) **Sunday** **5:00-7:00p** **LBCC/305B***

*Seaside room – see diagram, follow signs for entrance into the Seaside section

TC 10.8 Refrigeration Load Calculations (10/10) **Sunday** **3:00-5:00p** **R/Boardroom IV (3rd level)**

TC 10.9 Refrigeration Applications for Foods & Beverages (15) **Monday** **9:00-11:00a** **R/R.Ballroom II**

Sponsoring: Seminar 26. Food Freezing Technology

TC 10.9 Handbook (10/5) **Monday** **8:00-9:00a** **R/R.Ballroom II (2nd level)**

TC 10.10 Management of Lubricant in Circulation **Sunday** **1:00-3:00p** **R/Boardroom III (3rd level)**

TGs/TRGs

TG1.Exergy Analysis for Sustainable Buildings (14/8) **Sunday** **8:00-10:00a** **R/Sienna (2)**

Sponsoring: Forum 15. Dollars and Senses of Exergy: How Exergy Analysis Can Help for Greener, Affordable and Sustainable Buildings; Seminar 65. Exergy 201: Use It Or Lose It Forever

TG2.BCBR Blast Chemical Biological Remediation (20/6) **Tuesday** **9:00-12N** **R/Sienna (2)**

TG3.GVAC HVAC Contractors and Design Build Firms (10) **Sunday** **10:30-12N** **R/Boardroom III (3rd level)**

TRG4 Sustainable Building Guidance & Metrics **Tuesday** **3:30-600p** **R/Sienna (2)**

TRG7 Tools for Sustainable Building Operations, Maintenance And Cost Analysis **Sunday** **1:00-3:00p** **R/Sicilian A (2)**

TRG7-Under Floor Air Distribution **Wednesday** **10:00-Noon** **LCBB/102C (1)**

TG8.VRF Variable Refrigerant Flow(10/10)	Tuesday	3:30-6:00p	R/Roselli (3)
TG9.JF Justice Facilities (10/4)	Monday	5:30-6:30p	R/Sicilian A (2)
STANDARDS-GPCs/SPCs			
SPC Chair Training Breakfast	Sunday	7:00-9:00a	H/Regency A (4)
SSPC 15 Safety Code Mech. Refrig. (20/10)	Sunday	1:00-5:00p	H/Regency F (4)
SSPC 15 ISO 5149 Ad Hoc (12)	Sunday	11:00a-1p	H/Regency F
SPC 16/58 MOT/Rating Room Air Conditioners and PTAC/PTHP (5/10)	Tuesday	8:00-Noon	R/Roselli (3)
SPC 18 MOT for Drinking Water Coolers (8)	Sunday	9:00-10:00a	R/Boardroom I (3)
SPC 29 MOT for Ice Makers (6/6)	Sunday	10:00-Noon	R/Boardroom I (3)
SSPC 34 Designation Nomenclature (3/20) (screen)	Sunday	7:30-9:00a	R/Sicilian B (2)
SSPC 34 Flammability (14/25)	Sunday	9:00-1:00p	R/Sicilian B
SSPC 34 Toxicity (7/25)	Sunday	6:30-10:00p	R/Sicilian B
SSPC 34 Designation & Safety Class. of Refrig. (12/35)	Monday	6:30-10:00p	R/R.Ballroom II (2 nd Level)
SSPC 41 Standard Methods for Measurement (11/4)	Sunday	1:00-3:00p	R/Raphael (3)
41.1 Temperature- Standard Method for Temperature Measurement (5/3)	Monday	8:00-10:00a	R/Boardroom III (3 rd level)
41.2 Laboratory Airflow-Standard Method for Laboratory Airflow Measurement	Monday	10a-Noon	R/Boardroom III
41.3 Pressure-Standard Method for Pressure Measurement (6/4)	Sunday	8:00-10:00p	R/Roselli (3)
41.4 Lubricant Content-Standard Method for Measurement Of Proportion of Lubricant in Liquid Refrigerant	Monday	10a-Noon	R/Boardroom II
41.6 Humidity-Standard Methods for Measurement of Moist Air Properties (9/3)	Sunday	6:00-8:00p	R/Roselli (3)
41.10 Flowmeters-Standard Methods for Volatile Refrigerant Mass Flow Meas. Using Flowmeters (5/4)	Monday	8:00-10:00a	R/Boardroom II
SPC 52.1 Gravimetric & Dust Spot Procedures for Cleaning Devices Used in General Ventilation (12/12)	Saturday	2:00-3:00p	R/R.Ballroom I (2)
SSPC 52.2P MOT/Part Size Eff. Proc. for Testing Air Cleaning Devices (13/40) (OVH)	Saturday	8:00-2:00p	R/R.Ballroom I (2)
SSPC 55 Thermal Env Cond. for Human Occupancy (12/20)	Saturday	8:00a-3:00p	R/Sicilian B (2)
SSPC 55 Thermal Env. Cond. for Human Occupancy (12/12)	Sunday	8:00-12N	R/Corscian (2)
SSPC 62.1 Ventilation and Acceptable IAQ in Commercial, Institutional and High-Rise Residential Buildings (30/30)(E/Screen)	Saturday	8:00a-1:00p	R/R.Ballroom III
	Sunday	1:00-7:00p	R/R.Ballroom IV/V (2nd Level)
SSPC 62.1 Education (20/20)	Friday	9:00a-5:00p	R/R.Ballroom II
SSPC 62.1 Administration (15/25)	Friday	9:00a-5:00p	R/R. Ballroom I
SSPC 62.2 Ventilation and Acceptable IAQ in Low-Rise Residential Buildings (28/13)(Screen/Electric)	Friday	1:00-2:30p	R/R.Ballroom V

SSPC 62.2 Ventilation and Acceptable IAQ in Low-Rise Residential Buildings (28/13)(Screen/electric)	Saturday	8:30-3:00p	R/R.Ballroom II
<i>Sponsoring: Seminar 14. New Developments in Residential Ventilation</i>			
SSPC 62.2 Technical Subcommittee (12)	Friday	2:30-5:00p	R/Sienna (2)
SSPC 62.2 IAQ Subcommittee (12)	Friday	2:30-5:00p	R/Corscian (2)
SSPC 62.2 System Subcommittee (12)	Friday	2:30-5:00p	R/R.Ballroom V
SSPC 62.2 Envelope Subcommittee (12)	Friday	2:30-5:00p	R/R.Ballroom IV (2 nd level)
SSPC 90.1 Energy Eff. Design of New Bldg. (Screen)	Saturday	8:00a-12p	R/R.Ballrooms IV/V (2nd level)
SSPC 90.1 Energy Eff. Design of New Bldg. (Screen)	Sunday	9:00a-12p	R/R.Ballrooms IV/V (2nd level)
SSPC 90.1 Energy Eff. Design of New Bldg. (Screen)	Monday	8:00a-12p	R/R. Ballrooms IV/V (2nd level)
Format & Compliance (12)	Friday	5:00-10:00p	R/Sienna (2)
Format & Compliance Subcommittee	Sunday	4:00-7:00p	R/Da Vinci (3)
Mechanical Subcommittee (20/15)(screen)	Friday	9:00a-10p	R/Sicilian A (2)
Mechanical Subcommittee (screen)	Saturday	1:00-3:00p	R/Sienna (2)
Mechanical Subcommittee (screen)	Sunday	1:00-10p	R/R.Ballroom I
Lighting Subcommittee (12/6)(screen)	Friday	1:00-10p	R/Capri (2)
Lighting Subcommittee (screen)	Saturday	1:00-3:00p	R/Capri
Lighting Subcommittee (screen)	Sunday	1:00-6:00p	R/Boardroom 1(3)
ECB Subcommittee (12)	Friday	5:00-10:00p	R/Corscian (2)
ECB Subcommittee	Saturday	1:00-3:00p	RCorscian
ECB Subcommittee	Sunday	1:00-4:00p	R/Da Vinci (3)
Envelope Subcommittee (screen)(20/10)	Friday	3:00-7:00p	R/Sicilian B (2)
Envelope Subcommittee (screen)	Saturday	1:00-3:00p	R/R.Ballroom V
Envelope Subcommittee (screen)	Sunday	1:00-5:00p	R/R.Ballroom III (2 level)
SSPC 90.2 Energy Eff. Design of New Low Rise Res. Bldg. (20/10)(screen, electric)	Monday	2:25-6:15p	R/R.Ballroom I (2nd level)
SSPC 90.2 HVAC (10/10)	Monday	6:30-9:15p	R/San Marco (2)
SSPC 90.2 Envelope (10/10)(screen,electric)	Monday	6:30-9:15p	R/R. Ballroom 1
SSPC 90.2 Energy Eff. Design of New Low Rise Res. Bldg. (20/10)	Tuesday	1:00-5:00p	LBCC/202C (2)
SSPC 90.2 HVAC (10/10)	Tuesday	8:00a-Noon	LBCC/203A
SSPC 90.2 Envelope (10/10) (screen, electric)	Tuesday	8:00a-Noon	LBCC/202C
SPC 120 MOT to Determine Flow Resistance of HVAC Ducts & Fittings (7)	Monday	7:30-9:30p	H/Shoreline B (1)
SSPC 126P MOT HVAC Air Ducts (7/5)	Monday	4:30-7:00p	R/Boardroom III (3 rd level)
SPC 127 Standard MOT for Rating Computer and Data Processing Room Unitary Air-Conditioners (10)(screen)	Tuesday	1:00-3:00p	R/Da Vinci (3)
SPC 128 MOT Spot Air Conditioners (6/3)	Monday	2:15-4:15p	R/Boardroom III (3 rd level)
SPC 130 MOT/for Thermal Units (20/10)(Screen/E)	Saturday	8:00a-Noon	R/Capri (2)
	Sunday	8:00-Noon	R/Capri
SSPC 134 Graphic Symbols (10)	Saturday	1:00-3:00p	R/Boardroom IV (3 rd level)
SSPC 135 Working Group (25)	Friday	8:00a-2:00p	LBCC/202A (2)
SSPC 135 Working Group (10)	Friday	8:00a-1:00p	LBCC/203C
SSPC 135 BACnet	Saturday	8:00-3:00p	LBCC/102C

SSPC 135 BACnet (35)	Sunday	8:30a-5:00p	LBCC/103C
SSPC 135 BACnet Working Group	Sunday	8:00a-3:00p	LBCC/306A*
SSPC 135 BACnet (17/35)	Monday	8:00a-Noon	LBCC/308B*
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
SSPC 140 Standard MOT for Evaluation of Bldg. Energy Analysis Computer Program (20/5)(screen)	Monday	2:15-6:15p	R/R.Ballroom III (2 nd Level)
SSPC 140 Data Format Subcommittee (10) (screen)	Sunday	8:00-10:00p	R/Da Vinci (3)
SSPC 140 Ad Hoc (10)(screen)	Monday	9:30a-11:30a	R/Boardroom I
SPC 145P Test Methods for Assessing Performance of Gas Phase Air Clean. Equip. (13/15)(Screen, elect)	Sunday	1:00-5:00p	R/Corscian (2)
SPC 147 Minimizing the Release of Refrigerants (15/10)(Flip/screen)	Sunday	6:00-10:00p	R/R.Ballroom III (2 nd level)
SPC 151 MOT for Shipboard Balancing (4/6)	Saturday	2:30-3:00p	R/Boardroom II (3)
SPC 153P Capacity Rating of Reversing Valves (20)(OVH)	Tuesday	8:00a-Noon	R/R.Ballroom IV (2 nd level)
SPC 155P MOT/Rating Commercial Space Heating Boiler Sys (10/4)(screen, OVH)	Monday	8:00-Noon	LBCC/203C (2)
SPC 160P Design Criteria for Moisture Control (16/10)	Wednesday	8:00a-Noon	LBCC/102A (1)
SPC 161P Air Quality Within Commercial Aircraft (30/40)(OVH)	Sunday	1:00-7:00p	LBCC/202C (2)
	Monday	8:00a-12 N	LBCC/301*
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
SPC 164P MOT/Capacity and Air Pressure Drop of System Humidifiers for Residential Applications (8/2)	Monday	11:00-Noon	R/Boardroom IV (3 rd level)
SPC 166P Heating, Vent, A/C and Refrig Terminology (6/4)	Sunday	9:00a-Noon	R/Raphael (3)
SSPC 169 Weather Data for Bldg. Design Standards (10)	Monday	10:30a-Noon	R/R.Ballroom I
SPC 170 Ventilation of Healthcare Facilities (10/10)(Screen)	Sunday	8:00-2:00p	LBCC/308A*
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
SPC 172P MOT/Insoluble Materials in Synthetic Lubricants And HFC Refrigerant Systems (8/2)	Monday	8:00-Noon	LBCC/103C
SPC 173 MOT to Determine the Performance of Halocarbon Refrigerant Leak Detectors (9/4)	Monday	6:30-9:30p	H/Harbor C (1)
SPC 174 MOT for Rating Packaged, Desiccant Based Dehumidifier Sys.(10)	Monday	10a-Noon	R/DaVinci (3)
SPC 175 Metal Pressure Vessel Testing (5/5)	Monday	4:15-6:30p	LBCC/306A*
*Seaside room – see diagram, follow signs for entrance into the Seaside section			
SPC 177P MOT Fractionation Measurement of Refrigerant Blends (10/5)(OVH)	Monday	8:00- Noon	R/Capri (2)
SPC 178 MOT/for Commercial and Industrial Humidifiers (8/3)	Monday	9:00-11:00a	R/Boardroom IV (3 rd level)

SPC 179P MOT Life Testing Positive Displaced Compressors (8/3) *Seaside room – see diagram, follow signs for entrance into the Seaside section	Sunday	1:00-5:00p	LBCC/305A*
SPC 180P Standard Practice for Inspection & Maintenance of HVAC Systems (28/25) (Screen/Electric)	Friday	8:00a-5:00p	LBCC /203B
SPC 182 MOT/Absorption Water Chilling (15)	Monday	10a-Noon	R/Corscian (2)
SPC 184 MOT/ for Field Test of Liquid-Chilling Packages (6/9)	Tuesday	8:00-Noon	LBCC/103A (1)
SPC 185 MOT/UVC Lights for Use in Air Handling Units or Air Ducts to Inactivate Airborne Microorganisms (9/10) (Flipchart/screen)	Saturday	8:00a-3:00p	R/San Marco (2)
SPC 186P MOT/for Rating Positive Displacement Compressors that Operate at Supercritical Temperatures of the Refrigerant (6/6) *Seaside room – see diagram, follow signs for entrance into the Seaside section	Sunday	9:00-Noon	LBCC /305A*
SPC 188 Minimizing the Risk of Legionellosis Associated with Building Water Systems (22/10)	Tuesday	3:30-6:00p	LBCC/103A
	Wednesday	4:00-6:30p	Hyatt/Shoreline A (1 st floor)
SPC 189 ASHRAE/USGBC/IESNA Standard for the Design of High-Performance Green Buildings except Low-Rise Residential Buildings (25/50) (screen)	Monday	6:15-9:15p	R/R.Ballroom V (2 nd level)
	Tuesday	8a-Noon	H/Seaview C (1)
SPC 190 MOT/for Rating Indoor Pool Dehumidifiers for Moisture Removal Capacity and Moisture Removal Efficiency	Tuesday	1:00-2:00p	R/Boardroom III (3 rd level)
SPC 191 Water Conservation (15/10)	Monday	8a-Noon	LBCC/103A
SPC 193	Sunday	5:00-7:00p	R/Sienna (2)
SGPC 0-General Commissioning Process (25) (E)	Saturday	9:00-11:00a	R/Sienna (2)
GPC-10P Achieving Acceptable Indoor Environment (10/10)(E/Screen) *Seaside room – see diagram, follow signs for entrance into the Seaside section	Sunday	8:00a-Noon	LBCC/301*
GPC 11P MOT/for Building HVAC Control Systems (3/8)	Friday	5:00-7:00p	R/R.Ballroom III
SGPC 13 Guideline for Specifying Direct Digital Control (15) (screen)	Saturday	8:00-Noon	R/Sicilian A (2)
GPC 14 Measurement of Energy Demand Savings (5/10)	Sunday	7:00-9:00p	R/Raphael (3)
GPC 20 XML Definitions for HVAC&R (12/12)(OVH/Screen)	Monday	10:15-12:15p	R/R.Ballroom III (2 nd level)
GPC 23 Guideline for the Design/Application of HVAC Equip. for Rail Passenger Vehicles (15/10) (screen)	Tuesday	8:00-Noon	R/R.Ballroom III (2 nd level)
	Tuesday	1:00-5:00p	R/Boardroom I (3)
GPC 26 Guideline for Field Testing of General Ventilation Filtration Devices and Systems for Removal Efficiency In Situ By Particle Size and Resistance to Airflow (9/30)(Screen) *Seaside room – see diagram, follow signs for entrance into the Seaside section	Monday	8:00a-Noon	LBCC/302*
GPC 27P Procedures for Measurement of Gases in Indoor Environments (12/6)(Flipchart)	Sunday	3:00-5:00p	LBCC/306B*

*Seaside room – see diagram, follow signs for entrance into the Seaside section

GPC 28 Air Quality in Commercial Aircraft	Sunday	1:00-7:00p	LBCC/202C
	Monday	8:00a-12 N	LBCC/301*

*Seaside room – see diagram, follow signs for entrance into the Seaside section

GPC 30 Commissioning Process for Existing HVAC&R Systems (30)	Friday	8:00a-5:00p	R/R.Ballroom III (2 nd level)
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GPC 31 Building Operation and Maintenance Training for the HVAC&R Commissioning Process (18)	Saturday	8:00-9:00a	R/Sienna (2)
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OTHER

Program Subcommittee Chair Training,	Sunday	10:30 -10:45a	LBCC/104
	Monday	10:30 -10:45a	LBCC/104
	Tuesday	10:30 -10:45a	LBCC/104

AEDG Steering Committee	Monday	2:15-5:00p	H/Seaview C (1)
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Advanced IAQ Design Guide	Sunday	10:30-12:30	LBCC/202C (2)
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Performance Measurement Protocols Special Project (15)	Sunday	1:00-3:00p	H/Regency E (4)
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USNC/IIR (20/30)	Tuesday	4:00-6:00p	LBCC/203A (2)
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ISO/TC 142 (30)	Wed., 6/27	8:00a-5:00p	LBCC/103A (1)
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US TAG ISO/TC 205 (15/5) Screen	Tuesday	8:00-10:30a	LBCC/102C (1)
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NOTE: The parenthesis beside each committee represent the number of people expected to attend the meeting and any audiovisual equipment ordered. We encourage you to order audiovisual equipment in advance as we are unable to guarantee that equipment will be available on-site. Every effort is made to accommodate room size vs. number of committee member. If you have not supplied the Meetings Department with the number of members on your committee or subcommittee, we have no basis for room assignments.

Description of abbreviations

GPC = Guideline Project Committee

RP = Research Project

SPC = Standard Project Committee

SSPC = Standing Standard Project Committee

TC = Technical Committee

TG = Task Group

TRG = Technical Resource Group