

2020 ASHRAE Annual Conference Preliminary TC/TG/MTG Schedule

Last Update: 2/18/20

| Session Name | Slot Day | Slot Date | Start Time | End Time | # at Table | # in Audience |
|---|----------|-----------|------------|----------|------------|---------------|
| TC/TG Chair's Training Workshop | Sunday | 6/28/2020 | 9:45 AM | 10:45 AM | 3 | 100 |
| TC/TG/MTG Chair's Breakfast | Sunday | 6/28/2020 | 6:30 AM | 8:00 AM | 258 | 0 |
| Research Subcommittee Chairs | Monday | 6/29/2020 | 6:30 AM | 9:00 AM | 137 | 0 |
| TC 1.1 Thermodynamics and Psychrometrics | Monday | 6/29/2020 | 2:15 PM | 4:15 PM | 10 | 15 |
| TC 1.2 Instruments and Measurements | Tuesday | 6/30/2020 | 1:00 PM | 3:30 PM | 15 | 40 |
| TC 1.3 Heat Transfer and Fluid Flow | Tuesday | 6/30/2020 | 1:00 PM | 3:30 PM | 25 | 25 |
| TC 1.4 Control Theory and Application | Tuesday | 6/30/2020 | 1:00 PM | 3:30 PM | 20 | 80 |
| TC 1.5 Computer Applications | Monday | 6/29/2020 | 6:30 PM | 9:00 PM | 25 | 25 |
| TC 1.6 Terminology | Monday | 6/29/2020 | 8:00 AM | 11:00 AM | 10 | 4 |
| TC 1.7 Business, Management and General Legal Education | Monday | 6/29/2020 | 10:15 AM | 12:00 PM | 20 | 5 |
| TC 1.8 Mechanical Systems Insulation | Monday | 6/29/2020 | 4:15 PM | 6:30 PM | 25 | 10 |
| TC 1.9 Electrical Systems | Tuesday | 6/30/2020 | 3:30 PM | 6:00 PM | 8 | 4 |
| TC 1.10 Combined Heat and Power Systems | Tuesday | 6/30/2020 | 2:30 PM | 4:00 PM | 20 | 8 |
| TC 1.11 Electric Motors and Motor Control | Tuesday | 6/30/2020 | 1:00 PM | 3:30 PM | 13 | 7 |
| TC 1.12 Moisture Management in Buildings | Saturday | 6/27/2020 | 1:00 PM | 3:00 PM | 30 | 20 |
| TC 1.13 Optimization | Sunday | 6/28/2020 | 1:00 PM | 3:00 PM | 20 | 5 |

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|--|---------|-----------|----------|----------|----|----|
| TC 2.1 Physiology and Human Environment | Tuesday | 6/30/2020 | 1:00 PM | 4:00 PM | 25 | 30 |
| TC 2.2 Plant and Animal Environment | Monday | 6/29/2020 | 4:15 PM | 6:30 PM | 10 | 5 |
| TC 2.3 Gaseous Air Contaminants /Removal Equip. | Tuesday | 6/30/2020 | 1:00 PM | 3:30 PM | 30 | 30 |
| TC 2.4 Particulate Air Contaminants / Removal Equipment | Tuesday | 6/30/2020 | 3:30 PM | 6:00 PM | 18 | 50 |
| TC 2.5 Global Climate Change | Tuesday | 6/30/2020 | 1:30 PM | 3:30 PM | 20 | 10 |
| TC 2.6 Sound and Vibration | Monday | 6/29/2020 | 2:15 PM | 4:15 PM | 20 | 30 |
| TC 2.7 Seismic, Wind and Flood Resistant Design | Tuesday | 6/30/2020 | 3:30 PM | 6:00 PM | 17 | 24 |
| TC 2.8 Building Environmental Impacts and Sustainability | Sunday | 6/28/2020 | 5:30 PM | 7:00 PM | 30 | 20 |
| TC 2.9 Ultraviolet Air and Surface Treatment | Monday | 6/29/2020 | 10:00 AM | 12:00 PM | 20 | 10 |
| TC 2.10 Resilience and Security | Tuesday | 6/30/2020 | 11:00 AM | 12:00 PM | 20 | 40 |
| TC 3.1 Refrigerants and Secondary Coolants | Monday | 6/29/2020 | 4:15 PM | 6:30 PM | 10 | 30 |
| TC 3.2 Refrigerant System Chemistry | Monday | 6/29/2020 | 2:15 PM | 4:15 PM | 12 | 40 |
| TC 3.3 Refrigerant Contaminant Control | Tuesday | 6/30/2020 | 3:30 PM | 6:00 PM | 14 | 25 |
| TC 3.4 Lubrication | Tuesday | 6/30/2020 | 1:30 PM | 3:30 PM | 20 | 40 |
| TC 3.6 Water Treatment | Tuesday | 6/30/2020 | 1:00 PM | 3:30 PM | 18 | 10 |
| TC 3.8 Refrigerant Containment | Monday | 6/29/2020 | 4:15 PM | 6:30 PM | 9 | 5 |
| TC 4.1 Load Calculation Data and Procedures | Monday | 6/29/2020 | 2:15 PM | 4:15 PM | 20 | 10 |

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|--|---------|-----------|---------|---------|----|----|
| TC 4.2 Climatic Information | Tuesday | 6/30/2020 | 1:00 PM | 3:30 PM | 20 | 10 |
| TC 4.3 Ventilation Requirements and Infiltration | Monday | 6/29/2020 | 4:15 PM | 6:30 PM | 10 | 20 |
| TC 4.4 Building Materials and Building Envelope Performance | Monday | 6/29/2020 | 2:15 PM | 4:15 PM | 40 | 10 |
| TC 4.5 Fenestration | Tuesday | 6/30/2020 | 2:00 PM | 4:00 PM | 10 | 8 |
| TC 4.7 Energy Calculations | Tuesday | 6/30/2020 | 6:00 PM | 8:30 PM | 60 | 20 |
| TC 4.10 Indoor Environmental Modeling | Monday | 6/29/2020 | 2:15 PM | 4:15 PM | 30 | 15 |
| TC 5.1 Fans | Monday | 6/29/2020 | 4:15 PM | 6:30 PM | 20 | 20 |
| TC 5.2 Duct Design | Tuesday | 6/30/2020 | 3:30 PM | 6:00 PM | 12 | 20 |
| TC 5.3 Room Air Distribution | Tuesday | 6/30/2020 | 1:00 PM | 3:30 PM | 30 | 30 |
| TC 5.4 Industrial Process Air Cleaning (Air Pollution Control) | Monday | 6/29/2020 | 2:15 PM | 4:15 PM | 11 | 6 |
| TC 5.5 Air-to-Air Energy Recovery | Tuesday | 6/30/2020 | 3:30 PM | 6:00 PM | 30 | 10 |
| TC 5.6 Control of Fire and Smoke | Monday | 6/29/2020 | 4:15 PM | 6:30 PM | 23 | 30 |
| TC 5.7 Evaporative Cooling | Monday | 6/29/2020 | 4:15 PM | 6:30 PM | 20 | 10 |
| TC 5.9 Enclosed Vehicular Facilities | Tuesday | 6/30/2020 | 3:30 PM | 6:00 PM | 30 | 10 |
| TC 5.10 Kitchen Ventilation | Monday | 6/29/2020 | 6:30 PM | 7:30 PM | 20 | 15 |
| TC 5.11 Humidifying Equipment | Monday | 6/29/2020 | 2:15 PM | 4:15 PM | 10 | 8 |
| TC 6.1 Hydronic and Steam Equipment and Systems | Tuesday | 6/30/2020 | 1:00 PM | 3:30 PM | 20 | 25 |

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|--|---------|-----------|----------|----------|----|----|
| TC 6.2 District Energy | Sunday | 6/28/2020 | 3:00 PM | 5:00 PM | 15 | 50 |
| TC 6.3 Central Forced Air Heating and Cooling Systems | Tuesday | 6/30/2020 | 1:00 PM | 3:30 PM | 20 | 12 |
| TC 6.5 Radiant Heating and Cooling | Monday | 6/29/2020 | 2:15 PM | 4:15 PM | 25 | 25 |
| TC 6.6 Service Water Heating Systems | Monday | 6/29/2020 | 4:15 PM | 6:30 PM | 20 | 30 |
| TC 6.7 Solar and Other Renewable Energies | Tuesday | 6/30/2020 | 1:00 PM | 3:30 PM | 20 | 55 |
| TC 6.8 Geothermal Heat Pump and Energy Recovery Applications | Tuesday | 6/30/2020 | 3:30 PM | 6:00 PM | 16 | 25 |
| TC 6.9 Thermal Storage | Monday | 6/29/2020 | 4:30 PM | 6:00 PM | 14 | 25 |
| TC 6.10 Fuels and Combustion | Tuesday | 6/30/2020 | 3:30 PM | 6:00 PM | 20 | 10 |
| TC 7.1 Integrated Building Design | Monday | 6/29/2020 | 8:15 AM | 10:30 AM | 25 | 10 |
| TC 7.2 HVAC&R Construction and Design Build Technologies | Sunday | 6/28/2020 | 10:00 AM | 12:00 PM | 10 | 5 |
| TC 7.3 Operations and Maintenance Management | Tuesday | 6/30/2020 | 1:00 PM | 3:30 PM | 25 | 7 |
| TC 7.4 Exergy Analysis for Sustainable Buildings | Sunday | 6/28/2020 | 8:00 AM | 10:00 AM | 14 | 8 |
| TC 7.5 Smart Building Systems | Tuesday | 6/30/2020 | 3:30 PM | 6:00 PM | 20 | 50 |
| TC 7.6 Building Energy Performance | Tuesday | 6/30/2020 | 1:00 PM | 3:30 PM | 25 | 20 |
| TC 7.7 Testing and Balancing | Monday | 6/29/2020 | 2:15 PM | 4:15 PM | 20 | 30 |
| TC 7.8 Owning and Operating Costs | Monday | 6/29/2020 | 2:15 PM | 4:15 PM | 20 | 5 |
| TC 7.9 Building Commissioning | Sunday | 6/28/2020 | 3:00 PM | 5:00 PM | 40 | 20 |

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|--|---------|-----------|---------|---------|----|-----|
| TC 8.1 Positive Displacement Compressors | Tuesday | 6/30/2020 | 3:30 PM | 6:00 PM | 12 | 22 |
| TC 8.2 Centrifugal Machines | Monday | 6/29/2020 | 2:15 PM | 4:15 PM | 20 | 8 |
| TC 8.3 Absorption and Heat Operated Machines | Monday | 6/29/2020 | 3:30 PM | 6:00 PM | 20 | 10 |
| TC 8.4 Air-to-Refrigerant Heat Transfer Equipment | Tuesday | 6/30/2020 | 3:30 PM | 6:00 PM | 20 | 10 |
| TC 8.5 Liquid to Refrigerant Heat Exchangers | Monday | 6/29/2020 | 4:15 PM | 6:30 PM | 47 | 18 |
| TC 8.6 Cooling Towers and Evaporative Condensers | Monday | 6/29/2020 | 2:15 PM | 4:15 PM | 20 | 5 |
| TC 8.7 Variable Refrigerant Flow (VRF) | Monday | 6/29/2020 | 4:15 PM | 6:30 PM | 25 | 50 |
| TC 8.8 Refrigerant System Controls and Accessories | Tuesday | 6/30/2020 | 1:00 PM | 3:30 PM | 10 | 10 |
| TC 8.9 Residential Refrigerators and Food Freezers | Monday | 6/29/2020 | 2:15 PM | 4:15 PM | 6 | 10 |
| TC 8.10 Mechanical Dehumidification and Heat Pipes | Tuesday | 6/30/2020 | 3:30 PM | 5:00 PM | 16 | 10 |
| TC 8.11 Unitary and Room Air Conditioners and Heat Pumps | Monday | 6/29/2020 | 4:15 PM | 6:30 PM | 20 | 40 |
| TC 8.12 Desiccant Dehumidification Equipment and Components | Monday | 6/29/2020 | 2:15 PM | 4:15 PM | 15 | 15 |
| TC 9.1 Large Building Air-Conditioning Systems | Tuesday | 6/30/2020 | 1:30 PM | 3:30 PM | 14 | 10 |
| TC 9.2 Industrial Air Conditioning (Combined with TC 5.8 Main) | Tuesday | 6/30/2020 | 1:00 PM | 3:30 PM | 45 | 15 |
| TC 9.3 Transportation Air Conditioning | Monday | 6/29/2020 | 4:15 PM | 6:30 PM | 30 | 5 |
| TC 9.4 Justice Facilities | Sunday | 6/28/2020 | 3:00 PM | 5:00 PM | 20 | 5 |
| TC 9.6 Healthcare Facilities | Sunday | 6/28/2020 | 5:00 PM | 7:00 PM | 20 | 100 |

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|--|-----------|-----------|----------|----------|----|----|
| TC 9.7 Educational Facilities | Sunday | 6/28/2020 | 1:00 PM | 3:00 PM | 15 | 15 |
| TC 9.8 Large Building Air-Conditioning Applications | Monday | 6/29/2020 | 2:15 PM | 4:15 PM | 20 | 10 |
| TC 9.9 Mission Critical Facilities, Data Centers, Technology Spaces and Electronic Equipment | Monday | 6/29/2020 | 2:15 PM | 7:00 PM | 25 | 75 |
| TC 9.10 Laboratory Systems | Tuesday | 6/30/2020 | 3:30 PM | 5:30 PM | 20 | 40 |
| TC 9.11 Clean Spaces | Monday | 6/29/2020 | 3:00 PM | 6:00 PM | 30 | 45 |
| TC 9.12 Tall Buildings | Sunday | 6/28/2020 | 12:15 PM | 2:00 PM | 12 | 8 |
| TC 10.1 Custom Engineered Refrigeration Systems | Monday | 6/29/2020 | 2:00 PM | 4:00 PM | 30 | 10 |
| TC 10.2 Automatic Ice Making Plants and Skating Rinks | Monday | 6/29/2020 | 4:30 PM | 6:30 PM | 12 | 3 |
| TC 10.3 Refrigerant Piping, Controls and Accessories | Tuesday | 6/30/2020 | 1:00 PM | 3:30 PM | 20 | 10 |
| TC 10.5 Refrigerated Processing and Storage | Tuesday | 6/30/2020 | 3:30 PM | 6:00 PM | 15 | 10 |
| TC 10.6 Transport Refrigeration | Monday | 6/29/2020 | 4:45 PM | 7:00 PM | 10 | 20 |
| TC 10.7 Commercial Food and Beverage Refrigeration Equipment | Monday | 6/29/2020 | 2:15 PM | 4:15 PM | 30 | 40 |
| TC 10.8 Refrigeration Load Calculations | Sunday | 6/28/2020 | 3:00 PM | 5:00 PM | 10 | 10 |
| TRG4.IAQP Indoor Air Quality Procedure Development | Sunday | 6/28/2020 | 10:30 AM | 12:00 PM | 14 | 17 |
| TRG9 Cold Climate Building Design Guide | Wednesday | 7/1/2020 | 8:00 AM | 10:00 AM | 20 | 0 |
| MTG.ACR Air Change Rate - Informal Meeting | Monday | 6/29/2020 | 9:00 PM | 10:00 PM | 25 | 0 |
| MTG.BIM Building Information Modeling | Monday | 6/29/2020 | 10:15 AM | 12:00 PM | 20 | 0 |

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|--|-----------|-----------|----------|----------|----|----|
| MTG.CEA Controlled Environment Agriculture | Monday | 6/29/2020 | 8:00 AM | 10:00 AM | 13 | 40 |
| MTG.EBO Effective Building Operations | Tuesday | 6/30/2020 | 9:00 AM | 10:00 AM | 10 | 0 |
| MTG.HCDG Hot Climate Design Guide | Wednesday | 7/1/2020 | 9:00 AM | 10:30 AM | 20 | 0 |
| MTG.HWBE Health and Wellness in the Built Environment | Tuesday | 6/30/2020 | 10:00 AM | 12:00 PM | 20 | 10 |
| MTG.IAST - Impact of ASHRAE Standards and Technology on Energy Savings/Performance | Saturday | 6/27/2020 | 1:00 PM | 3:00 PM | 15 | 10 |
| MTG.LowGWP - Lower Global Warming Potential Alternative Refrigerants | Sunday | 6/28/2020 | 5:00 PM | 6:00 PM | 26 | 36 |
| MTG.LowGWP - Lower Global Warming Potential Alternative Refrigerants | Wednesday | 7/1/2020 | 10:00 AM | 12:00 PM | 26 | 36 |
| MTG.OBB - Occupant Behavior in Buildings | Monday | 6/29/2020 | 8:00 AM | 10:00 AM | 30 | 10 |
| MTG.RAC Refrigeration and Air Conditioning (RAC) Plant Assessment Guide | Tuesday | 6/30/2020 | 1:00 PM | 3:00 PM | 17 | 10 |

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