

SATURDAY, AUGUST 24, 2019										
13:00 - 16:00	Retirement Management Committee Meeting (MC) - Room 525									
16:15 - 19:00	Retiring Science and Technology Council (STC) - Room 525									
SUNDAY, AUGUST 25, 2019										
09:30 - 12:30	General Conference (GC) - Room: 519a									
13:30 - 15:45	Incoming Science and Technology Council (STC) - Room 525									
16:00 - 19:00	Executive Committee (EC) - Room: 519a									
18:30 - 20:00	WELCOME RECEPTION - Room 517cd									
MONDAY, AUGUST 26, 2019										
09:00 - 09:30	OPENING CEREMONY - Room 517a									
09:30 - 10:00	PLENARY: GAÉTAN LANTAGNE AND CHRISTIAN BÉLANGER, HYDRO QUEBEC - Room 517a									
10:00 - 10:30	Coffee Break in Exhibit Hall									
Room #	518ab B1:TS-103	518c D1:TS-104	519a E1:TS-105	519b A2:TS-100	524a TS-105	524b E1:TS-106	524c B1:TS-108	520ad WS-1.A	520be B1:TS-102	520cf B1:TS-101
10:30 - 12:10	Thermodynamic and Transport Properties of Refrigerants (1)	Commercial Refrigeration and Supermarket Display Cabinets (1)	Heat Pump-Based Energy Recovery Systems (1)	Gas Liquefaction (1)	HVAC Optimal Control	Sorption Systems (Absorption, Adsorption) KEYNOTE	Aqua-Ammonia, Ammonia and CO2 in Refrigeration and Heat Pump Applications	Low-GWP Refrigerant Workshop for IEA HPT's Annex 54: Heat Pumps for Low GWP Refrigerants (A)	Efficient Heat and Mass Transfer Processes (1)	Next Generation of Low-GWP Refrigerants (1)
12:10 - 13:40	Lunch Break - Exhibits									
13:40 - 17:15	Workshop: Heat Pump Integration in High-Performance Buildings at Concordia University. Pre-registration required.									
Room #	B1:TS-109	S:TS-115	-	-	C2:TS-113	E1:TS-114	B2:TS-112	WS-1.B	B2:TS-110	B2:TS-111
13:40 - 15:00	Flow Pattern & Visualization (1)	Sustainable & High Performance Buildings - Miscellaneous	-	-	Food Engineering: Heat and Mass Transfer, Refrigeration Process, Design and Modelling (1)	Residential and Commercial Heat Pump Systems (1)	Refrigerating Equipment Dynamics and Controls (1)	Low-GWP Refrigerant Workshop for IEA HPT's Annex 54: Heat Pumps for Low GWP Refrigerants (B)	Evaporators, Condensers and other Heat Exchangers: Design, Analysis and Performance (1)	Compressor Design, Analysis and Performance (1)
15:00 - 15:30	Coffee Break in Exhibit Hall									
Room #	B1:TS-119	D1:TS-121	-	A1:TS-120	TS-123	B1:TS-121	B1:TS-120	B2:TS-122	B1:TS-118	B1:TS-117
15:30 - 17:10	Absorption and Adsorption Thermodynamic Processes (1)	Cold-Chain Conformity & Performance Certification KEYNOTE	-	Cryogenic Fluids	Air Conditioning - Miscellaneous (1)	Ground-Source Heat Pump Systems (1)	Performance of Vapor-Compression, Recombination and Absorption Refrigeration & Heat Pump Cycles (1)	Absorption, Adsorption and Ejector Systems (1)	Efficient Heat and Mass Transfer Processes (2)	Next Generation of Low-GWP Refrigerants (2) KEYNOTE
17:30 - 19:30	Working Group Meeting	Sponsored Symposium	Working Group Meeting - ROOM: 525 -	Working Group Meeting	Sponsored Symposium	Working Group Meeting	Working Group Meeting	Working Group Meeting		
	Cold Chain in Hot Countries	17:15 - 18:00 Danfoss	Sub-Commission D1 on Refrigerated Display Cabinets	Whole-Body Cryotherapy or Cryostimulation	17:15 - 18:00 globalFACT	Demand-Oriented Non-Uniform Indoor Environment & Dehumidification in Air Conditioning	Cold Chain for Pharmaceutical Products	Refrigeration Safety		
TUESDAY, AUGUST 27, 2019										
Room #	518ab B2:TS-205	518c C2:TS-208	519a D1:TS-204	519b A1:TS-203	524a E1:TS-207	524b E1:TS-206	524c B1:TS-202	520ad WS-2.A	520be B2:TS-203	520cf B1:TS-201
08:30 - 10:10	Refrigerated Transport - Miscellaneous (1)	Chilling and Freezing Preservation Applications (1)	Cold Energy Storage	Cryogenic Systems and Applications	Dessicant Heat Pumps KEYNOTE	Air Conditioning Equipment and Energy Efficiency Systems (1)	Performance of Vapor-Compression, Recombination and Absorption Refrigeration & Heat Pump Cycles (2)	Heat Pump Water Heaters: A challenging future(A)	Evaporators, Condensers and other Heat Exchangers: Design, Analysis and Performance (2)	Elasto- and magnetocaloric Refrigeration (1) KEYNOTE
10:10 - 10:40	Coffee Break in Exhibit Hall									
Room #	B1:TS-212	D1:TS-215	S:TS-217	A1:TS-209	B2:TS-213	E1:TS-210	B2:TS-214	WS-2.B	B2:TS-209	B1:TS-211
10:40 - 12:00	Absorption and Adsorption Thermodynamic Processes (2)	Commercial Refrigeration and Supermarket Display Cabinets (2)	Components for Sustainable Buildings	Small-Scale Refrigeration (Cryo-coolers) and Applications (1)	Energy Efficiency of Refrigerating Systems – TEWI – LCCP (1)	Industrial Heat Pumps (1)	Refrigerating Equipment Dynamics and Controls (2)	Heat Pump Water Heaters: A challenging future (B)	Evaporators, Condensers and other Heat Exchangers: Design, Analysis and Performance (3)	Efficient Heat and Mass Transfer Processes (3)
12:00 - 13:30	Lunch Break - Exhibits - Lunch & Learns - Poster Session									
13:30 - 15:10	Poster Topics: Cryophysics & Cryoengineering / Liquefaction & Separation of Gases / Refrigerating Equipment / Food Science & Engineering / Refrigerated Storage / Refrigerated Transport									
Room #	B1:TS-219	D1:TS-223	D1:TS-226	C2:TS-222	E1:TS-224	E1:TS-225	A1:TS-212	-	B2:TS-221	B2:TS-220
13:30 - 15:10	Thermodynamic and Transport Properties of Refrigerants (2)	Refrigerated Land, Air and Marine Transport (1)	Refrigeration Equipment	Carbon Footprint and Sustainability of Chilled Food KEYNOTE	Air Conditioning - Miscellaneous (2)	Ground-Source Heat Pump Systems (2)	Heat Transfer and Thermal Insulation	-	Evaporators, Condensers and other Heat Exchangers: Design, Analysis and Performance (4)	Two-Phase Ejectors KEYNOTE
15:10 - 15:40	Coffee Break in Exhibit Hall									
Room #	B1:TS-227	-	D1:TS-231	-	B2:TS-229	C2:TS-230	E1:TS-232	WS-3	B1:TS-233	B2:TS-228
15:40 - 17:00	Flow Pattern & Visualization (2)	-	Refrigerated Storage - Miscellaneous	-	Energy Efficiency of Refrigerating Systems – TEWI – LCCP (2)	Food Engineering: Heat and Mass Transfer, Refrigeration Process, Design and Modelling (2)	Heat Pumps, Energy Recovery - Miscellaneous (1)	Data and Models for Food Refrigeration and the Cold Chain - FRISBEE International	Efficient Heat and Mass Transfer Processes (4)	Compressor Design, Analysis and Performance (2)
17:30 - 19:30		Sponsored Symposium	Commission Meeting	Commission Meeting		Commission Meeting	Commission Meeting			
		17:15 - 18:00 EPEE	A1, A2, C1 Joint Meeting	D1, D2, C2 Joint Meeting		E1, E2 Joint Meeting	19:30 - 21:10 B1, B2 - IEA Annex 54 Joint Meeting			
WEDNESDAY, AUGUST 28, 2019										
Room #	518ab B1:TS-301	518c -	519a E1:TS-302	519b C2:TS-303	524a -	524b E1:TS-304	524c E1:TS-305	520ad WS-4.A	520be B2:TS-302	520cf B1:TS-300
08:30 - 10:10	Advanced Cooling Technologies (1)	-	Refrigerant Charge Reduction KEYNOTE	Food Quality Monitoring and Safety (1)	-	Air Conditioning Equipment and Energy Efficiency Systems (2)	System Energy Efficiency Improvements	Successful Applications of Industrial Heat Pumps (A)	Evaporators, Condensers and other Heat Exchangers: Design, Analysis and Performance (5)	Special Applications of Refrigeration and Air-Conditioning Systems KEYNOTE
10:10 - 10:40	Coffee Break in Exhibit Hall									
Room #	-	C2:TS-312	D1:TS-313	-	B2:TS-310	E1:TS-311	B1:TS-309	WS-4.B	B1:TS-308	B2:TS-311
10:40 - 12:00	-	Chilling and Freezing Preservation Applications (2)	Commercial Refrigeration and Supermarket Display Cabinets (3)	-	Energy Efficiency of Refrigerating Systems – TEWI – LCCP (3)	Heat Pumps, Energy Recovery - Miscellaneous (2)	Performance of Vapor-Compression, Recombination and Absorption Refrigeration & Heat Pump Cycles (3)	Successful Applications of Industrial Heat Pumps (B)	Efficient Heat and Mass Transfer Processes (5)	Refrigerating Equipment - Miscellaneous (1)
12:00 - 13:30	Lunch Break - Exhibits - Lunch & Learns - Poster Session									
	Poster Topics: Thermodynamics & Transfer Processes									
Room #	B1:TS-317	D1:TS-320	E1:TS-325	C2:TS-324	TS-322	TS-321	B2:TS-319	B1:TS-318	B1:TS-315	B1:TS-316

13:30 - 15:10	Advanced Cooling Technologies (2)	Refrigerated Land, Air and Marine Transport (2)	Heat Pump-Based Energy Recovery Systems (2)	Food Thermal Properties & Losses KEYNOTE	Air Conditioning - Miscellaneous (3)	Using Renewable Energy in Air Conditioning KEYNOTE	Refrigerating Equipment Dynamics and Controls (3)	Properties of Lubricants & Refrigerant-Lubricant Blends	Efficient Heat and Mass Transfer Processes (6)	Next Generation of Low-GWP Refrigerants (3)
15:10 - 15:40	Coffee Break in Exhibit Hall									
15:40 - 17:00	Flow Pattern & Visualization (3)	-	HVAC&R Systems and Components	Sorption Refrigeration Systems (Absorption, Adsorption)	Industrial Heat Pumps (2)	Food Engineering: Heat and Mass Transfer, Refrigeration Process, Design and Modelling (3)	Absorption, Adsorption and Ejector Systems (2)	Smart Energy Systems: an international opportunity	Evaporators, Condensers and other Heat Exchangers: Design, Analysis and Performance (6)	Compressor Design, Analysis and Performance (3)
17:00 - 20:30	Student Networking Event - Room 517b									

THURSDAY, AUGUST 29, 2019										
Room #	518ab	518c	519a	519b	524a	524b	524c	520ad	520be	520cf
08:30 - 10:10	B1:TS-401	-	E1:TS-331	E1:TS-332	E1:TS-333	E1:TS-334	B1:TS-402	WS-6	B2:TS-403	B1:TS-400
10:10 - 10:40	Coffee Break in Exhibit Hall									
10:40 - 12:00	Thermodynamic and Transport Properties of Refrigerants (3)	-	Solar Cooling & Solar-Assisted Heat Pump Systems	Cryopreservation of Cells and Tissues KEYNOTE	Heat Pumps, Energy Recovery - Miscellaneous (3)	Air Conditioning Equipment and Energy Efficiency Systems (3)	Thermodynamics & Transfer Processes - Miscellaneous (1)	Acoustics of Heat Pumps	Refrigeration Equipment - Miscellaneous (2)	Next Generation of Low-GWP Refrigerants (4) KEYNOTE
12:00 - 13:30	Lunch Break - Exhibits - Lunch & Learns - Poster Session <i>Poster Topics: Air Conditioning / Heat Pumps, Energy Recovery / Sustainable And High Performance Buildings</i>									
13:30 - 15:10	B1:TS-419	B2:TS-420	-	A1:TS-418	B1:TS-419	B1:TS-420	B1:TS-416	WS-8	B1:TS-417	B1:TS-418
15:10 - 15:40	Coffee Break in Exhibit Hall									
15:40 - 17:00	Flow Pattern & Visualization (4)	Absorption, Adsorption and Ejector Systems (3)	-	Small-Scale Refrigeration (Cryo-coolers) and Applications (2)	Heat Pumps with Refrigerant Mixtures KEYNOTE	Residential and Commercial Heat Pump Systems (2)	Phase-change materials KEYNOTE	Water as refrigerant for energy efficiency: debate and initiatives	Efficient Heat and Mass Transfer Processes (8)	Next Generation of Low-GWP Refrigerants (5)
17:00 - 18:30	Gala Dinner & Awards - Room 710									

FRIDAY, AUGUST 30, 2019										
Room #	518ab	518c	519a	519b	524a	524b	524c	520ad	520be	520cf
08:30 - 10:10	B1:TS-503	B1:TS-504	-	A2:TS-500	B1:TS-501	B1:TS-502	B1:TS-504	B1:TS-505	B1:TS-501	B1:TS-502
10:10 - 10:40	Coffee Break in Exhibit Hall									
10:40 - 12:00	Lubricants for Future Refrigerants & Measurement Techniques	Equipment for Refrigerated Transport	-	Gas Liquefaction (2)	Efficient Heat Pump and Refrigeration Systems	Industrial Heat Pumps (4) KEYNOTE	Refrigerant Charge Reduction & Leaks Control	Thermodynamics & Transfer Processes - Miscellaneous (2)	Elasto- and magnetocaloric Refrigeration (2) KEYNOTE	Next Generation of Low-GWP Refrigerants (6)
12:00 - 12:30	Closing Ceremony - Room 518ab									
13:30 - 15:00	Incoming Management Committee Meeting - Room 525									