

Sunday, July 15, 2018								
8.30AM - 5.30PM	Registration (Ballroom Foyer, Level 4)							
8.00AM - 10.00PM	Committee Meetings (Suite 701 and Salon 716, Level 7)							
1.00PM - 5.00PM	Workshop on Radial and Axial Fan Design by Philipp Epple (Hemon, Level A)							
6.00PM - 8.00PM	Welcome Reception (Ballroom East and Ballroom Foyer, Level 4)							
Monday, July 16, 2018								
7.30AM - 5.30PM	Registration (Ballroom Foyer, Level 4) Exhibits ( Foyer, Level 3)							
8.00AM - 8.30AM	Breakfast (Ballroom Centre, Level 4 )							
8.00AM - 10.00PM	Committee Meetings (Salon 4 and 6, Level 2 and Level 3)							
8.30AM - 10.00AM	Plenary Fluid Mechanics of Geological Sequestration of Carbon Dioxide by Ramesh K. Agarwal, Washington University in St. Louis, United States (Ballroom West, Level 4)							
10.00AM - 10.15AM	Coffee Break (Foyer, Level 3)							
10.15AM - 12.00PM	1-2-1 Boundary Layer Flows (Salon Drummond West, Level 3)	1-4-1 Turbulent Flows -I (Salon Drummond Centre, Level 3)	1-5-1 Bio-Inspired Fluid Mechanics I (Salon Drummond East, Level 3)	2-1-1 Single Phase Applications (Salon 1, Level 2)	2-3-1 Fluid-Structure Interaction I (Salon 3, Level 2)	3-1-1 Pumps 1 (Salon 7, Level 3)	5-1-1 Experimental and Multiscale Methods for Multiphase Flows (Salon 5 , Level 2)	6-1-1 Micro/nano-fluidics I (Ballroom East, Level 4)
12.00pm - 1.15PM	FED Towne Hall Assembly (Salon 6, Level 3)							
1.15PM - 2.30PM	Plenary Liquid/Liquid Slug Flow and Mass Transport in a Micro-Capillary Reactor - Simulation and Experiment by Peter Ehrhard, Dortmund University of Technology, Germany (Ballroom West, Level 4)							
2.30PM - 2.45PM	Coffee Break (Foyer, Level 3)							
2.45PM - 4.30PM	1-2-2 High-Speed Flows (Salon Drummond West, Level 3)	1-4-2 Turbulent Flows II (Salon Drummond Centre, Level 3)	1-5-2 Bio-Inspired Fluid Mechanics II (Salon Drummond East, Level 3)	2-1-2 Heat and Mass Transfer (Salon 1, Level 2)	2-3-2 Fluid-Structure Interaction II (Salon 3, Level 2)	3-1-2 Pumps 2 (Salon 7, Level 3)	5-1-2 Numerical Methods for Multiphase Flows (Salon 5 , Level 2)	6-1-2 Micro/nano-fluidics II (Ballroom East, Level 4)
Tuesday, July 17, 2018								
7.30AM - 5.30PM	Registration (Ballroom Foyer, Level 4)							
8.00AM - 8.30AM	Breakfast (Ballroom Centre, Level 4 )							
8.00AM - 10.00PM	Committee Meetings (Salon 4 and 6, Level 2 and Level 3)							
8.30AM - 10.00AM	Plenary Scaling Analyses for Complex Systems by Upendra Singh Rohatgi, Brookhaven National Laboratory, United States (Ballroom West, Level 4)							
10.00AM - 10.15AM	Coffee Break (Foyer, Level 3)							
10.15AM - 12.00PM	1-3-1 Vortex Dynamics I (Salon Drummond West, Level 3)	1-4-3 Turbulent Flows III (Salon Drummond Centre, Level 3)	1-6-1 Active Flow Control I (Salon Drummond East, Level 3)	2-1-3 Applications (Salon 1, Level 2)	3-2-1 Fundamental Investigations of Industrial Flows (Salon 3, Level 2)	3-1-3 Pumps 3 (Salon 7, Level 3)	5-2-1 Cavitation (Salon 5 , Level 2)	6-1-3 Micro/nano-fluidics III (Ballroom East, Level 4)
1.15PM - 2.30PM	Plenary Flow Instability and Coherent Structures in Complex Channels by Stavros Tavoularis, University of Ottawa, Canada (Ballroom West, Level 4)							
2.30PM - 2.45PM	Coffee Break (Foyer, Level 3)							
2.45PM - 4.30PM	1-3-2 Vortex Dynamics II (Salon Drummond West, Level 3)	1-4-4 Turbulent Flows IV (Salon Drummond Centre, Level 3)	1-6-2 Active Flow Control II (Salon Drummond East, Level 3)	2-1-4 Novel Developments and High Performance Computing (Salon 1, Level 2)	3-2-2 Sprays, Propulsion, and Thrust (Salon 3, Level 2)	3-1-4 Pumps 4 (Salon 7, Level 3)	5-2-2 Phase Change (Salon 5 , Level 2)	6-1-4 Micro/nano-fluidics IV (Ballroom East, Level 4)
6.30PM - 9.00PM	Award Dinner - Ticketed Event (Ballroom Centre, Level 4)							
Wednesday, July 18, 2018								
7.30AM - 4.30PM	Registration (Ballroom Foyer, Level 4) Exhibits ( Foyer, Level 3)							
8.00AM - 8.30AM	Breakfast (Ballroom Centre, Level 4 )							
8.30AM - 10.00AM	Plenary Using Guidewire-Mediated Shock Waves to Revascularize Chronic Total Occlusions by Martin Brouillette, Université de Sherbrooke, Canada (Ballroom West, Level 4)							
10.00AM - 10.15AM	Coffee Break (Foyer, Level 3)							
10.15AM - 12.00PM	1-1-1 Fluids Engineering Education (Salon Drummond West, Level 3)	1-4-5 Turbulent Flows V (Salon Drummond Centre, Level 3)	2-2-1 LES/DNS I (Salon Drummond East, Level 3)	2-1-5 Multiphase Applications (Salon 1, Level 2)	3-2-3 Interaction of Flows with Structures (Salon 3, Level 2)	3-1-5 Hydraulic Turbines (Salon 7, Level 3)	5-3-1 Gas-Liquid Flows (Salon 5 , Level 2)	5-5-1 Bubble, Droplet, and Aerosol Dynamics I (Ballroom East, Level 4)
12.00PM - 7.00PM	Committee Meetings (Salon 4 and 6, Level 2 and Level 3)							
1.15PM - 3.00PM	1-7-1 Transport Phenomena in Energy Conversion and Mixing (Salon Drummond West, Level 3)	4-1-1 Fluid Measurement and Instrumentation I (Salon Drummond Centre, Level 3)	2-2-2 LES/DNS II (Salon Drummond East, Level 3)	2-1-6 Automated Design Optimization and Machine Learning (Salon 1, Level 2)	3-2-4 Particles and Solids Transport (Salon 3, Level 2)	3-1-6 Gas Turbines and Compressors (Salon 7, Level 3)	5-3-2 Gas-Solid Flows (Salon 5 , Level 2)	5-5-2 Bubble, Droplet, and Aerosol Dynamics II (Ballroom East, Level 4)
3.00PM - 3.15PM	Coffee Break (Foyer, Level 3)							
3.15PM - 5.00PM	4-2-1 Fluid Dynamics of Wind Energy (Salon Drummond West, Level 3)	4-1-2 Fluid Measurement and Instrumentation II (Salon Drummond Centre, Level 3)	2-2-3 Hybrid LES/RANS Methods and Applications (Salon Drummond East, Level 3)	2-1-7 Computational Marine Hydrodynamics (Salon 1, Level 2)	3-2-5 Industrial and Atmospheric Flows (Salon 3, Level 2)	3-1-7 Extra Fluid Machinery 1 (Salon 7, Level 3)	5-3-3 Liquid-Solid Flows (Salon 5 , Level 2)	5-6-1 Erosion, Slurry, and Sedimentation I (Ballroom East, Level 4)
Thursday, July 19, 2018								
7.30AM - 12.30PM	Registration (Ballroom Foyer, Level 4)							
8.00AM - 8.15AM	Refreshments (Foyer, Level 3)							
8.15AM - 10.00AM	4-1-3 Fluid Measurement and Instrumentation III (Salon Drummond West, Level 3)	2-1-8 Computational Turbulent Combustion (Salon Drummond Centre, Level 3)	3-2-6 Flow around Bluff Bodies (Salon Drummond East, Level 3)	3-1-8 Extra Fluid Machinery II (Salon 1, Level 2)	5-4-1 Performance of Multiphase Flow Systems (Salon 3, Level 2)	5-6-2 Erosion, Slurry, and Sedimentation II (Salon 7, Level 3)		
10.00AM - 10.15AM	Coffee Break (Foyer, Level 3)							
10.15AM - 12.00PM	4-1-4 Fluid Measurement and Instrumentation IV (Salon Drummond West, Level 3)				3-1-9 Turbomachinery Optimization (Salon Drummond Centre, Level 3)			