

## Schedule At-a-Glance

Monday, June 24, 2019			
Event	Breakfast		
Location	Bannerman Ballroom 1&3, Lobby Level		
<b>7:00 AM – 7:45 AM</b>			
Event	Opening Remarks and Plenary Session		
Location	Bannerman Ballroom 2&4, Lobby Level		
<b>7:45 AM – 8:35 AM</b>			
Opening Remarks (Amy Betz, General Conference Chair)			
“ <b>Microfluidics for Life Science Applications and Analytics</b> “ by Dirk Janasek			
Event	Keynote Session		
Location	Bannerman Ballroom 2&4, Lobby Level		
<b>8:35 AM – 9:00 AM</b>			
“ <b>Modeling of Bio-particle Motion in Microchannels</b> ” by Barbaros Cetin			
Event	Break/Exhibits		
Location	Lobby Foyer		
<b>9:00 AM – 9:15 AM</b>			
Event	Plenary Session		
Location	Bannerman Ballroom 2&4, Lobby Level		
<b>9:15 AM – 10:05 AM</b>			
“ <b>Transport in Nanopores for Single Molecule and Single Cell Analysis</b> ” by MinJun Kim			
Event	Keynote Session		
Location	Bannerman Ballroom 2&4, Lobby Level		
<b>10:05 AM – 10:30 AM</b>			
“ <b>Mathematical modeling of macromolecule transport in dynamic, heterogeneous micropores within biomaterials</b> ” by Ashlee Ford Versypt			
Event	Break/Exhibits		
Location	Lobby Foyer		
<b>10:30 AM – 10:45 AM</b>			
Event	Technical Sessions		
Location	Churchill 1	Churchill 2	Pippy 1
<b>10:45 AM – 12:15 PM</b>			
	Session 1-1: Single-Phase Flow	Session 13-1: Bio and Biomedical Engineering	Session 6-1: Interfacial Phenomena on Micro and Nanoengineered Surfaces
Event	Lunch		
Location	On Own (Lunch will not be provided by the conference)		
<b>12:15 PM – 2:15 PM</b>			
Event	Plenary Session		
Location	Bannerman Ballroom 2&4, Lobby Level		
<b>2:15 PM – 3:05 PM</b>			
"Advances in Icing Mitigation Using Surface Engineering: Lessons from Lab and Field Tests" by Alidad Amirfazli			
Event	Keynote Session		
Location	Bannerman Ballroom 2&4, Lobby Level		
<b>3:05 PM – 3:30 PM</b>			
“ <b>The 70th Anniversary of the Lockhart-Martinelli Model for Two Phase Flow in Pipes</b> ” by Yuri Muzychka			
Event	Break/Exhibits		
Location	Foyer		
<b>3:30 PM – 3:45 PM</b>			
Event	Technical Sessions		
Location	Churchill 1	Churchill 2	Pippy 1
<b>3:45 PM – 5:15 PM</b>			
	Session 2-3: Two-Phase Flows	Session 4-1: Condensation and Freezing on Heat Transfer Surfaces	Session 7-1: Conjugate Micro and Nanoscale Heat Transfer
Event	OPENING RECEPTION		
Location	Lobby Foyer		
<b>5:30 PM – 7:00 PM</b>			

## Schedule At-a-Glance

Tuesday, June 25, 2019			
Event	Breakfast		
Location	Bannerman Ballroom 1&3, Lobby Level		
<b>7:00 AM – 7:45 AM</b>			
Event	Opening Remarks and Keynote Session		
Location	Bannerman Ballroom 2&4, Lobby Level		
<b>7:45 AM – 8:35 AM</b>	Opening Remarks (Patricia Weisensee, Chair, Poster Sessions) <b>“Microscale Physics of Phase Change Process – Answers to Century Old Questions and New Discoveries”</b> by Saeed Moghaddam		
Event	Lightning Talks		
Location	Bannerman Ballroom 2&4, Lobby Level		
<b>8:35 AM – 9:05 AM</b>	<b>Poster Session Introduction</b>		
Event	Break/Exhibits/Poster Session		
Location	Lobby Foyer		
<b>9:05 AM – 10:20 AM</b>			
Event	Technical Sessions		
Location	Churchill 1	Churchill 2	Pippy 1
<b>10:20 AM – 11:50 PM</b>	<b>Session 6-2:</b> Interfacial Phenomena on Micro and Nanoengineered Surfaces	<b>Session 8-1:</b> Electrokinetic and Dielectrophoretic Phenomena	<b>Session 4-2:</b> Condensation and Freezing
Event	Lunch		
Location	On Own (Lunch will not be provided by the conference)		
<b>11:50 PM – 2:00 PM</b>			
Event	Plenary Session		
Location	Bannerman Ballroom 2&4, Lobby Level		
<b>2:00 PM – 2:50 PM</b>	<b>“Towards Modular Droplet Microfluidic Systems - Tool for Combinatorial High Throughput Testing”</b> by Carolyn Ren		
Event	Keynote Session		
Location	Bannerman Ballroom 2&4, Lobby Level		
<b>2:50 PM – 3:15 PM</b>	<b>“Modeling Transport Phenomena in Diabatic Internal Flows in the Cassie State”</b> by Marc Hodes		
Event	Break/Exhibits		
Location	Foyer		
<b>3:15 PM – 3:30 PM</b>			
Event	Technical Sessions		
Location	Churchill 1	Churchill 2	Pippy 1
<b>3:30 PM – 5:00 PM</b>	<b>Session 2-2:</b> Two-Phase Flows	<b>Session 1-2:</b> Single-Phase Flow	<b>Session 12-1:</b> Microfluidics with Chemical Reactions
Event	AWARDS BANQUET		
Location	Lobby Foyer		
<b>5:30 PM – 7:00 PM</b>			

## Schedule At-a-Glance

Wednesday, June 26, 2019			
Event	Breakfast		
Location	Bannerman Ballroom 1&3, Lobby Level		
<b>7:00 AM – 8:00 AM</b>			
Event	Plenary Session		
Location	Bannerman Ballroom 2&4, Lobby Level		
<b>8:00 AM – 8:50 AM</b>	<b>“Underliquid Wetting: Fundamentals and Applications”</b> by Sushanta Mitra		
Event	Keynote Session		
Location	Bannerman Ballroom 2&4, Lobby Level		
<b>8:50 AM – 9:15 AM</b>	<b>“Multiphase flows and heat transfer in the Food, Energy, Water Nexus”</b> by Melanie Derby		
Event	Break/Exhibits		
Location	Lobby Foyer		
<b>9:15 AM – 9:30 AM</b>			
Event	Technical Sessions		
Location	Churchill 1	Churchill 2	
<b>9:30 AM – 11:00 AM</b>	<b>Session 11-1:</b> Transport in Energy Systems	<b>Session 5-1:</b> Evaporation, Thin Film, And Surface Tension Driven Flows	
Event	Break/Exhibits		
Location	Foyer		
<b>11:00 AM – 11:15 AM</b>			
Event	Technical Sessions		
Location	Churchill 1	Churchill 2	
<b>11:15 AM – 12:45 PM</b>	<b>Session 2-1:</b> Two-Phase Flows	<b>Session 3-1:</b> Pool Boiling	<b>Session 11-2:</b> Transport in Energy Systems
Event	Lunch		
Location	Bannerman Ballroom 1&3, Lobby Level		
<b>12:45 PM – 2:00 PM</b>	Buffet Lunch Provided		
Event	Tour		
Location	Bannerman Ballroom 2&4, Lobby Level		
<b>2:00 PM – 5:15 PM</b>	<b>Tour: National Research Council of Canada (NRC) Ocean, Coastal and River Engineering Research Centre</b>		