

# CAIMS/SCMAI 2026 · Daily Conference Schedule · MONDAY



7:30am	Registration and Information Desk (lobby outside Education Bldg 106), open until 2pm. Morning Coffee Available					
8:15 am	Welcoming Remarks (EA 106)					
8:30am	Plenary (EA 106): <b>Philip Morrison</b> (Metriplectic Dynamics: The Geometrical Framework for Thermodynamically Consistent Dynamical Systems)					
9:30am	Morning Coffee Break (EA 106 Lobby)					
	CT ED 114	MS # 01 ED 191	MS # 03 EA 106.1	MS # 06 ED 193	MS # 09 CK 185	MS # 15 EA 106.2
10:00am	Budzinski		Lindsay	Broms (v)	Stastna	Hillen
10:30am	Lawrence	Shen	Tzou	Kawakami	Kevlahan	McNicol
11:00am	Fiaz		Wong	Li	Poulin	Willms
11:30am	Zhu (v)			Shum	Couchman	Campbell
12:15pm	LUNCH BREAK: Stronger Together Luncheon (ED 191)					
1:30pm	NSERC Presentation (EA 106)					
2:30pm	Afternoon Coffee Break (EA 106 Lobby)					
	CT ED 114	MS # 01 ED 193	MS # 03 EA 106.1	MS # 04 EA 106.2	MS # 09 ED 191	
3:00pm	Wu		Shevyakov	Zubkov (v)	Shamsukha	
3:30pm	Qu	Ridgway	Iyaniwura	Huraka (v)	Flynn	
4:00pm	Brandao (v)	Addai	Newby	Uz Zaman	Ahmed	
04:30pm	Plenary (EA 106): <b>Isabel Papadimitriou</b> (Syntax from data points: understanding the learning and representation of structural abstraction in language models),					
05:30pm	DINNER BREAK (Participants on their own)					
07:00pm	M2PI Gala & Student Mixer (RIC 119)					

## KEY TO PARALLEL SESSIONS

CT	Contributed Talks
MS # 01	Advances in Agent-Based Models for Environmental and Health Systems
MS # 03	First Passage Phenomena in Brownian and Active Matter
MS # 04	Recent Advances in Geometric Numerical Methods
MS # 06	Computational Methods and Modeling of Fluid-Structure Interactions in Flows
MS # 09	Canadian Symposium for Fluid Dynamics
MS # 15	Differential Equations, Dynamical Systems and Applications in Mathematical Biology

## NOTES FOR THE DAY

- The registration desk will be open in the lobby of EA 106 from 7:30am–2pm.
- Coffee breaks will be served in the lobby near EA 106.
- Building Abbreviations: ED=Education; CK=Centre for Kinesiology and Health; CL=Classroom; RIC= Research and Innovation Centre.
- (v) means a virtual presentation via Zoom
- Changes from the printed schedules are in **bold blue**; cancellations are **struck-out**.

## SPECIAL EVENTS FOR THE DAY

- Stronger together Luncheon
- M2PI Gala and Student Mixer

# CAIMS/SCMAI 2026 · Daily Conference Schedule · TUESDAY



8:00am	Registration and Information Desk (lobby outside Education Bldg 106), open until 2pm.							
8:15 am	Morning Coffee Available							
8:30am	Plenary (EA 106): <b>Darren Crowdy</b> (Marangoni meets Burgers: new mathematics for surfactant dynamics in slow viscous flows )							
9:30am	Conference Photo (EA 106)							
9:35am	Morning Coffee Break (EA 106 Lobby)							
	CT ED 114	MS # 02 CK 185	MS # 03 EA 106.1	MS # 04 CK 187	MS # 06 ED 193	MS # 09 ED 191	MS # 12 ED 314	MS # 15 EA 106.2
10:00am	Belair	Bremer	Ward	MacDonald	Salac	Cai	Mailhot	Zhu
10:30am	Adesol	Gutleb (v)	D'Orsogna	Taylor	Sakakauskas	Gervais	Wang	Braverman
11:00am	Philip	Piyasundara (v)	Saghafifar	Fortunato	Quaife	Rezazadeh	Li	Chen
11:30am	Assefa	McKee		Montoya	McNicol	Shevyakov	Turcotte	Djuikem
12:15pm	CAIMS Annual General Meeting - Boxed lunches (EA 106)							
1:30pm	Plenary (EA 106): <b>Melissa Stadt</b> (Mathematical modelling of electrolyte homeostasis),							
2:30pm	Afternoon Coffee Break (EA 106 Lobby)							
	CT ED 114	MS # 02 EA 106.1	MS # 06 ED 193	MS # 09 ED 191	MS # 12 ED 314	MS # 15 EA 106.2		
3:00pm	Roussel	Lilly	Varchanis (v)	Joulaei	Stentoft	Heggerud		
3:30pm	Moosa	Melia	Zhou	Faramarzi	Boire	Ahmed		
4:00pm	Choi	Slevinsky	Young (v)	Protas	Xu	Nicola		
4:30pm	Trofimenkoff		Dalal	Goluskin	Bégin			
05:00pm	DINNER BREAK (Participants on their own)							
07:00pm	Discussion Area (The Study Bar & Grill)							

## KEY TO PARALLEL SESSIONS

CT	Contributed Talks
MS # 02	Spectral and high order methods and special functions
MS # 03	First Passage Phenomena in Brownian and Active Matter
MS # 04	Recent Advances in Geometric Numerical Methods
MS # 06	Computational Methods and Modeling of Fluid-Structure Interactions in Flows
MS # 09	Canadian Symposium for Fluid Dynamics
MS # 12	Financial and Actuarial Mathematics: Theory and Applications
MS # 15	Differential Equations, Dynamical Systems and Applications in Mathematical Biology

## NOTES FOR THE DAY

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## SPECIAL EVENTS FOR THE DAY

- CAIMS Annual General Meeting: All are invited, boxed lunch will be served.
- Conference Photo (EA 106)

# CAIMS/SCMAI 2026 · Daily Conference Schedule · WEDNESDAY



8:00am	Registration and Information Desk (lobby outside Education Bldg 106), open until 12pm.					
8:15 am	Morning Coffee Available					
8:30am	Plenary (EA 106): <b>Brian Wetton</b> (Time Stepping Methods for Phase Field Models)					
9:30am	Morning Coffee Break (EA 106 Lobby)					
	CT ED 114	MS # 07 ED 318	MS # 08 ED 193	MS # 09 ED 191	MS # 11 EA 106.1	MS # 12 EA 106.2
10:00am	Lie	Moyles	Charlet (v)	MacLachlan	Monterde (v)	Saunders
10:30am	Hasan	Laison	Kongara (v)	Palma	Joshi (v)	Birghila
11:00am	Rogalsky		Wei	Leclerc	Lee	Pirvu
11:30am	Nikman	Tuffaha	Panday (v)	Mazzone	Parenteau	Simard
12:15pm	LUNCH BREAK (Participants on their own)					
1:30pm	Plenary (EA 106): <b>Yuying Li</b> (Optimally Decumulate Using an NN Approach for Stochastic Optimal Control)					
2:30pm	Afternoon Coffee Break (EA 106 Lobby)					
03:00pm	Poster Presentations (ED 114)					
06:30pm	Conference Banquet (RIC Atrium)					

## KEY TO PARALLEL SESSIONS

CT	Contributed Talks
MS # 07	Stochastic, Perturbative and Individual Effects on Population Modelling
MS # 08	Scientific Machine Learning for Weather Forecasting
MS # 09	Canadian Symposium for Fluid Dynamics
MS # 11	Theoretical Approaches to Computational Problems with Applications in Discrete Mathematics
MS # 12	Financial and Actuarial Mathematics: Theory and Applications

## NOTES FOR THE DAY

- The registration desk will be open in the lobby of EA 106 from 8am–12pm.
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## SPECIAL EVENTS FOR THE DAY

- Poster Presentations (see Book of Abstracts for details on each poster)
- Conference banquet (for participants that confirmed at time of registration)

# CAIMS/SCMAI 2026 · Daily Conference Schedule · THURSDAY

[MOVE to Classroom Building to avoid Convocation]



8:00am	Registration and Information Desk (lobby outside Education Bldg 106), open until 12pm.						
8:15 am	Morning Coffee Available						
8:30am	Plenary (CL 126): <b>Adriana Dawes (v)</b> (Patterns of life: Quantifying biological symmetry across scales)						
9:30am	<b>Morning Coffee Break</b> (CL Main Hallway near CL 110)						
	CT CL 126	MS # 07 RIC 208	MS # 09 CL 125	MS # 10 CL 128	MS # 12 CL 127	MS # 13 RIC 119	MS # 17 CL 130
10:00am		Foxall	Mahfouz	Rayan	Ressor	Pathak	Mazzone
10:30am	Betti (v)	Shyntar	Sandoval	Sowa	Badescu		Shevyakov (v)
11:00am	Alisbaai	Douwes-Schulz	Sandoval/Essel	Johnston	Choulli	Bu	Saha
11:30am	Bidarvand	Lopez		Paddock	Swishchuk	Khedhiri (v)	Schmah
12:15pm	<b>Lunch Break (participants on their own)</b>						
1:30pm	Plenary (CL 126): <b>Wilten Nicola</b> (Computing with Neural Dynamics in Artificial and Biological Neural Networks)						
2:30pm	<b>Afternoon Coffee Break</b> (CL Main Hallway near CL 110)						
		MS # 09 CL 125	MS # 10 CL 128	MS # 11 CL 126	MS # 12 CL 127	MS # 13 RIC 119	MS # 17 CL 130
3:00pm			Dick	Khodamoradi (v)	Firoozi (v)	Moayeri	Khedhiri (v)
3:30pm		Montoya	Green	De Vera	Avcı	Venn	Druzhkov
4:00pm			Monterde (v)	Maliuk	Alvarez	Patel	Stoica
4:30pm						Patil	
05:00pm	<b>DINNER BREAK</b> (Participants on their own)						
07:00pm	<b>Discussion Area</b> (The Study Bar & Grill)						

## KEY TO PARALLEL SESSIONS

CT	Contributed Talks
MS # 07	Stochastic, Perturbative and Individual Effects on Population Modelling
MS # 09	Canadian Symposium for Fluid Dynamics
MS # 10	Mathematical Methods for Quantum Information and Quantum Technologies
MS # 11	Theoretical Approaches to Computational Problems with Applications in Discrete Mathematics
MS # 12	Financial and Actuarial Mathematics: Theory and Applications
MS # 13	Different PDE-Based Methods in Applied and Computational Mathematics
MS # 17	Dynamics and Symmetry

## NOTES FOR THE DAY

- The registration desk will be open in the lobby of EA 106 from 8am–12pm.
- Coffee breaks will be served in CL Main Hallway near CL 110.
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# CAIMS/SCMAI 2026 · Daily Conference Schedule · FRIDAY



8:15 am	Morning Coffee Available		
8:30am	Plenary (CL 110): <b>Raymond Spiteri</b> (More Data + Heterogeneous Compute = Fractured Workflows: Why mathematical and computational structure matter more than ever )		
9:30am	<b>Morning Coffee Break</b> (CL Main Hallway near CL 110)		
	MS # 10 CL 128	MS # 11 CL 110	MS # 16 RIC 208
10:00am	Berezowski	Zilles	Corless
10:30am	Plosker	Shirazi	Hatzel
11:00am		Chan (v)	Jeffrey
11:30am		Breen (v)	Joby
12:15pm	<b>Closing Remarks and Departure (CL 110)</b>		

## KEY TO PARALLEL SESSIONS

- MS # 10 Mathematical Methods for Quantum Information and Quantum Technologies  
 MS # 11 Theoretical Approaches to Computational Problems with Applications in Discrete Mathematics  
 MS # 16 Computer Algebra in Applied Mathematics

## NOTES FOR THE DAY

- Coffee break will be served in CL Main Hallway near CL 110.
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