

CAIMS*SCMAI AGM July 30, 2025

President's Report

1. **CMS/CAIMS Books in Mathematics** has now published 13 volumes. Recent titles:

- Extreme-Scale Computing. (Ray Spiteri & Kyle Klenk)
- The Enchantment of Numbers. (Eric L.F. Roettger & Hugh C. Williams)
- Analytical Properties of Nonlinear Partial Differential Equations with Applications to Shallow Water Models (Alexei Cheviakov & Peng Zhao)

Interested in writing a book? Contact one of the series Editors: Karl Dilcher, Frithjof Lutscher, Nilima Nigam, Keith Taylor.



2. **Mathematics in Science and Industry.** The Official Journal of CAIMS*SCMAI. Currently free open-access. Published as special issue of AIMS Mathematics. Thanks to Past-President **Rebecca Tyson** for setting up web submission system via OJS.
3. Submissions are always welcome for the **CAIMS*SCMAI Blog**.

4. **Outreach.** We sponsored the following activities in the past year.

- Ontario Competitive Mathematics Committee. Free, student-run workshops and contests for highschool students.
- Blundon Seminar Camp at Memorial University of Newfoundland. Enrichment Camp for highschool students.

5. SIAM, CAIMS*SCMAI and Sociedad Matemática Mexicana submitted a joint bid to host **ICIAM 2031** in Boston. I represented CAIMS*SCMAI at the site visit in Boston in April 2025. The location of the ICIAM 2031 will be decided at the ICIAM Board meeting in September 2025. Thanks to **Thomas Hillen**, CAIMS*SCMAI representative on bid.

6. **Prizes and Awards**

CAIMS*SCMAI Research Prize - **Anita Layton (Waterloo)**

CAIMS/Fields Industrial Mathematics Prize - **Wenyuan Liao (Calgary)**

CAIMS/PIMS Early Career Award - **Courtney Paquette (McGill)**

Cecil Graham Doctoral Dissertation Award - **Fanze Kong (PhD from UBC)**

Arthur Beaumont Service Award - **Jacques Bélair (Montréal)**

7. **Future CAIMS*SCMAI Meetings**

2026 Hosted by University of Regina. June 15-19, 2026.

2027 Hosted by University of Victoria. Dates TBD.

2028 Expressions of interest welcome!

CAIMS*SCMAI 2026 Annual Meeting

June 15–19, 2026

University of Regina, Regina Saskatchewan

Scientific Program Committee

Shaun Fallat (Regina, Chair)

Alexandru Badescu (Calgary)

Shaun Bohun (UOIT)

Mark Lewis (Victoria)

Nilima Nigam (SFU)

Affan Shoukat (Regina)

Raymond Spiteri (Saskatchewan)

Cristina Stoica (Laurier)

Seyed Mohammad Taghavi (Laval)

Rebecca Tyson (UBCO)

Local Organizing Committee – Allen Herman (Regina, Chair)

Conference Themes

- * Machine learning, data-driven modeling
- * Multiscale and Multiphysics systems & simulations of complex systems
- * Mathematical Biology
- * Financial/Actuarial Mathematics
- * Computational Mathematics (algorithms, agent-based models)
- * Applied dynamical systems (ODEs, PDEs, dynamics with structure, constraints via geometry)

The 26th Canadian Symposium on Fluid Dynamics (CSFD)
will be run in conjunction with CAIMS*SCMAI 2026.

