

Canadian Society for History and Philosophy of Mathematics

2026 Halifax Meeting

Thursday, June 4, 2026 McCain 2102

8:45 AM - 9:00 AM Welcome from CSHPM President Rob Bradley

Session - History

Moderator: Pat Allaire

9:00 AM - 9:30 AM Servois' Anticipation of Hyperbolic Geometry
Rob Bradley, Adelphi University

9:30 AM - 10:00 AM Stefan Banach (1892-1945) and the Lwów Mathematical School
Andrew B Perry, Springfield College

10:00 AM - 10:30 AM Torricelli's Puzzling Proof of the Quadrature of the Cycloid
Maria Zack, Point Loma Nazarene University

10:30 AM - 11:00 AM Break

Session - Philosophy

Moderator: Zoe Ashton

11:00 AM - 11:30 AM Mathematical Explanation in Henkin's Proof of Completeness
Susan Vineberg, Wayne State University

11:30 AM - 12:00 PM Signicism and the Foundations of Geometry in late 19th-Century Italy
Bradley Dart, Memorial University of Newfoundland

12:00 PM - 1:30 PM Lunch Break

Session - History

Moderator: Larry D'Antonio

1:30 PM - 2:00 PM Geometry in Jerusalem Prior to the Fall: Findings from Jerusalem's Absalom
Pillar
Roger Petry, University of Regina

2:00 PM - 2:30 PM Integer Sums in Hebrew Mathematics (12th-16th Century): Methods,
Proofs, and Cross-Cultural Connections
Stela Segev, Herzog College, Israel

2:30 PM - 3:00 PM The Practical Approach to Motion Theory: Tartaglia's Imperfect Ballistics
Yuqi Sun, Indiana University Bloomington

3:00 PM - 3:30 PM Break

Session - Philosophy

Moderator: Koray Ackaguner

3:30 PM - 4:00 PM and the Necklace-Splitting Problem
Stephen Perry, University of Pittsburgh

4:00 PM - 4:30 PM A Case for the Extrinsic Theory of Surfaces
S. Blake Allan, Baylor University

Friday, June 5, 2026

McCain 2102

Special Session I

Moderator: Rob Bradley

9:30 AM - 10:00 AM Numeration
Cynthia Huffman, Pittsburgh State University

10:00 AM - 10:30 AM What God Left to Aristotle
Thomas Drucker, University of Wisconsin, Whitewater

10:30 AM - 11:00 AM Break

Special Session II

Moderator: Duncan Melville

11:00 AM - 11:30 AM discontinuities
Gregg De Young, American University of Cairo

11:30 AM - 12:00 PM Writing the History of Pre-Modern Geometry and Trigonometry
Glen Van Brummelen, Trinity Western University

12:00 PM - 12:30 PM Sri Lankan Brahmi Numerals as Precursor to Place-Value Notation and as a
Multiplicative and Additive System
Harsha Wijayawardhana, Independent Scholar

12:30 PM - 2:00 PM AGM and Lunch

May Lecture

Moderator: Rob Bradley

2:00 PM - 3:00 PM Simplicity and Equipose: Criteria for Ancient Greek Astronomical Models
Jacqueline Feke, University of Waterloo

3:00 PM - 3:30 PM Break

Session - Philosophy

Moderator: Thomas Drucker

- 3:30 PM - 4:00 PM Rigor and Significance
Zoe Ashton, University of North Carolina, Chapel Hill
- 4:00 PM - 4:30 PM What Counts as a Proof? Criteria and Value Judgments in Mathematics
Koray Akçagüner, University of Calgary
- 4:30 PM - 5:00 PM The Inductive Argument for the Consistency of Classical Mathematics
Thomas Donaldson, Simon Fraser University
- 5:00 PM - 5:30 PM What Proofs Leave Out: Should Mathematicians Publish their Proof
Discovery Processes?
Anshula Gandhi, University of Cambridge
Patricia Marino, University of Waterloo

Saturday, June 6, 2026 McCain 2102

Session - History

Moderator: Glen VanBrummelen

- 9:00 AM - 9:30 AM "Coordinating" Mathematical Criteria: Why did Huygens and Sluse Solve
Alhazen's Problem Again (and Again)?
Linyuan Li, University of Notre Dame (Indiana)
- 9:30 AM - 10:00 AM Isaac Todhunter: Historian and Researcher of the Calculus of Variations
Craig Fraser, University of Toronto
- 10:00 AM - 10:30 AM Remembering the Forgotten – John Lodge Cowley FRS
Larry D'Antonio, Ramapo College
- 10:30 AM - 11:00 AM Break

Session - Philosophy

Moderator: Susan Vineberg

- 11:00 AM - 11:30 AM All units are unequal, but some are more unequal than others
Jean Charles Pelland, University of Bergen
- 11:30 AM - 12:00 PM L'intuitionnisme brouwérien face au problème de l'existence en
mathématiques
Francis Proulx, Cégep de Lanaudière
- 12:00 PM - 12:30 PM Feminist Critiques of Logic and the Elusiveness of Logical Form
Sophia Kimiagari, University of Calgary
- 12:30 PM - 2:00 PM Lunch Break

Session - History

Moderator: Cynthia Huffman

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| 2:00 PM | - | 2:30 PM | The Evolution of College Algebra: An Analysis of Textbooks and Curricula of the Early 20th Century
Patrick Wallach, Queensborough Community College |
| 2:30 PM | - | 3:00 PM | The Jolly Square Root of Minus One: Tracing the Mathematical Poetics of Khlebnikov in Malevich's Suprematism
Irina Lyubchenko, George Brown Polytechnic |
| 3:00 PM | - | 3:30 PM | History-Driven Storytelling and Mathematical Pedagogy
Eugene Boman, Pennsylvania State University, Harrisburg
Robert Rogers, State University of New York, Fredonia |
| 3:30 PM | - | 4:00 PM | Using the Past to Visualize the Present
Beverly Wood, Embry-Riddle Aeronautical University |
| 5:30 PM | - | TBD | Reception with CPA and other societies at the Art Gallery |