



# 2022 Event Highlights

## SEMINARS, CONFERENCES & WORKSHOPS

1 January – Ongoing	Geometry, Algebra & Physics (GAP) Seminars University of Saskatchewan
1 January – Ongoing	Geometric Analysis Seminar University of Calgary
1 January – Ongoing	SFU Computational Math Seminar Simon Fraser University
1 May – Ongoing	The Mathematics of Ethical Decision-making Systems University of Victoria
1 July – Ongoing	PIMS-UBC Distinguished Colloquia University of British Columbia - Vancouver
4 March	Kickoff Event for FAIR COVID-19 Data for Canada University of British Columbia - Vancouver
22 – 24 April	Second Canadian Geometry & Topology Symposium Université du Québec à Montréal
13 – 15 May	Western Canada Math Biology Spring Workshop University of British Columbia - Okanagan
16 – 20 May	GAP XVII — Deformations & Higher Structures University of British Columbia - Vancouver
28 May	Canadian Statistics Student Conference 2022 Simon Fraser University
1 – 2 June	Mathematical & Computational Challenges in Cryo-Electron Microscopy University of British Columbia - Vancouver
2 – 4 June	Statistics in Genomics & Pharmaceutical Science Conference University of Victoria
20 – 25 June	Foundational Methods in Computer Science Barrier Lake Field Station
27 June – 1 July	Conference on Combinatorial, Computational, & Applied Algebraic Geometry University of Washington
4 – 8 July	Alberta Graduate Mathematics & Statistics Conference University of Calgary

Some events may need to be held online or offered as a hybrid of in-person and online presentations. Please check the PIMS website for more details.

## ABOUT PIMS

The Pacific Institute for the Mathematical Sciences (PIMS) was created in 1996 by the community of mathematical scientists in Alberta and British Columbia, and subsequently extended to Washington State, Saskatchewan, and Manitoba. Our mandate is to promote research in and applications of the mathematical sciences, to facilitate the training and placement of highly qualified personnel, to create an equitable, diverse, and inclusive community in mathematical sciences, to enrich public awareness of mathematics through outreach, to enhance the mathematical training of teachers and students in K-12, and to create mathematical partnerships with similar organizations worldwide. PIMS funds Collaborative Research Groups, Post-Doctoral Fellowships and individual events on a competitive basis.



The Pacific Rim Mathematical Association Congress 2022  
December 4–9, Vancouver

Mathematicians from around the Pacific Rim will converge to discuss the latest developments in Mathematics.

## SUMMER SCHOOLS

30 May – 24 June	PIMS-CRM Summer School in Probability University of British Columbia - Vancouver
19 June – 1 July	PIMS-IFDS-NSF Summer School on Optimal Transport University of Washington
11 – 22 July	Séminaire de Mathématiques Supérieures 2022: Floer Homotopy Theory University of British Columbia - Vancouver

## COLLABORATIVE RESEARCH GROUPS

2020 – 2024	Novel Techniques in Low Dimension: Floer Homology, Representation Theory & Algebraic Topology
2020 – 2024	Quantum Topology and its Applications
2021 – 2024	Movement & Symmetry in Graphs
2021 – 2024	Pacific Interdisciplinary Hub on Optimal Transport
2022 – 2025	L-Functions in Analytic Number Theory

## INDUSTRY EVENTS

11 – 29 July	Math^Industry Workshop Online
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## K-12 EDUCATION EVENTS

30 April	Elementary Math Contest (ELMACON) University of British Columbia - Vancouver
7 May	ScienceRendezvous.ca PIMS Sites Canada-wide
20 May	Changing the Culture Online
July – August	Math Summer School for Elementary School Teachers Online

FOR MORE INFORMATION AND UPDATES, VISIT [www.pims.math.ca](http://www.pims.math.ca)

