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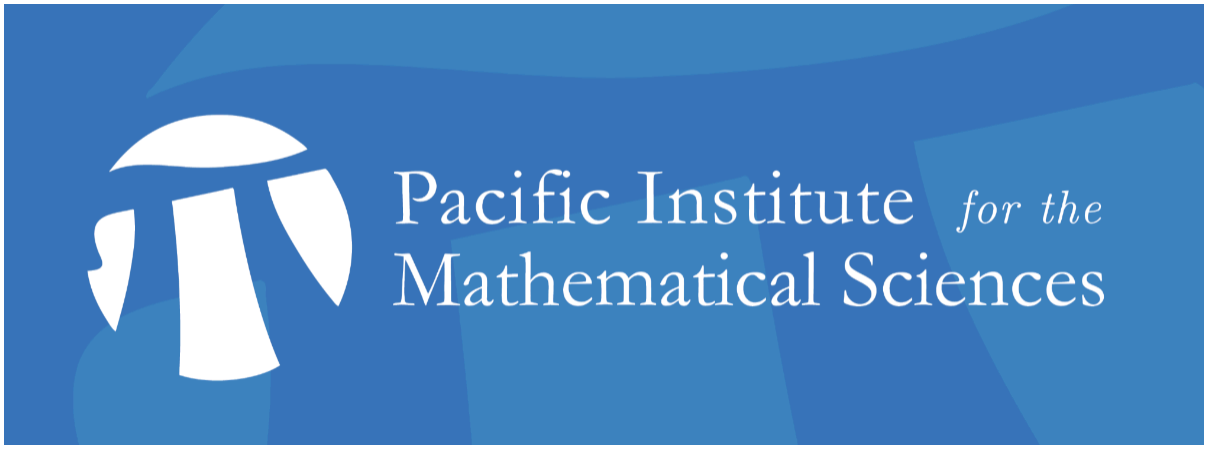


PIMS MONTHLY CONNECTION | **August 2025**

Hello from PIMS

The August edition of the PIMS newsletter is here! Below, we have curated a list of events and meetings taking place at our member universities this month.

PIMS News:

- **Watch Online: PIMS Education Coordinator Shares Summer Learning Tips on Global News Morning**

PIMS Network Deadlines:

- **Open Call: 2026 PIMS Scientific Proposals**
- **Call for Nominations: 2026/27 PIMS Postdoctoral Fellowships**
- **Registration Now Open: PIMS Network Wide Courses Fall 2025**
- **Call for Submissions: 2025/26 PIMS First Year Interest Group Projects**
- **Early Bird Registration Deadline: 47th Australasian Combinatorics Conference**

PIMS NEWS

Watch Online: PIMS Education Coordinator Shares Summer Learning Tips on Global News Morning

Dr. Melania Alvarez joined Global News Morning BC to talk about making math fun and how everyday summer activities can help kids keep their math skills sharp.

PIMS NETWORK DEADLINES

Open Call: 2026 PIMS Scientific Proposals

PIMS is pleased to announce an open call for proposals for mathematical science activities for 2026 (and beyond). **Any member of the PIMS scientific community may apply for financial support for initiatives or events in the mathematical sciences**. The deadline for proposal submissions is **Wednesday, October 1st, 2025**. We welcome the following types of proposals:

- *Collaborative Research Groups*
- *PIMS Research Networks*
- *Mathematics for the Future (including Incubators, Workshops, and Summer Schools)*
- *ICM 2026 aligned events*
- *Conferences and Workshops*
- *Summer Schools*

Prior recipients of PIMS awards are required to have submitted their final reports before applying for funding. **Please note:** Applications for PIMS supported seminars for the 2025 - 2026 academic year must be submitted **before September 8th, 2025** via the discretionary funding form.

View Submission Details

Call for Nominations: 2026/27 PIMS Postdoctoral Fellowships

The Pacific Institute for the Mathematical Sciences (PIMS) invites nominations for outstanding recent PhD graduates in the mathematical sciences for postdoctoral fellowships starting in the **2026–2027** academic year. Candidates must be nominated by faculty members in the mathematical sciences (broadly construed) or a department at a PIMS Member University.

These fellowships are intended to supplement support provided by the sponsor, and are tenable at any of the PIMS Canadian member universities: *the University of Alberta, the University of British Columbia, the University of Calgary, the University of Lethbridge, the University of Manitoba, the University of Regina, the University of Saskatchewan, Simon Fraser University* and t*he University of Victoria*.

Award decisions are made by the PIMS PDF Review Panel, and are based on the scientific qualifications of the candidate, their demonstrated scientific leadership, the fit between the research interests of the candidate and those of the sponsor, and the adequacy of matching funds. We strongly encourage people from historically underrepresented groups to apply for these positions. **Nominations close on December 1st, 2025**.

View Nomination Details

Network Wide Courses Fall 2025

Six new PIMS Network-Wide Graduate Courses have been approved for the 2025/26 academic year. Students at Canadian PIMS member universities may apply for graduate credit via the Western Deans Agreement. Graduate students in your department(s) who may be interested in one or more of the courses offered below are welcome to apply.

- **Optimal Transport: Theory and Applications** - *Soumik Pal (University of Washington) & Young-Heon Kim (University of British Columbia)*
- **Discrete Optimization** - *Jonathan Noel (University of Victoria)*
- **Elliptic Curves and Modular Forms** - *Chuck Doran (University of Alberta)*
- **Modern Biophysics** - *Steven Plotkin (University of British Columbia)*
- **Topics in Optimization: Mathematical Foundations of Machine Learning** - *Andrew Warren (University of British Columbia)*
- **Mathematical Biology - Nonlinear PDE Models** - *Rebecca Tyson (University of British Columbia - Okanagan)*

Registration for the Fall 2025 term courses is now open! Please be aware that the WDA deadline at some sites may be as early as July 23rd in some cases. We encourage students to check the details of courses they are interested in and contact the course instructors as soon as possible.

View Courses Details

Call for Submissions: 2025/26 PIMS First Year Interest Group Projects

PIMS Postdoctoral Fellows are invited to propose new First Year Interest Group (FYIG) projects for the 2025–2026 academic year.

This program offers PDFs the opportunity to lead a small,

graduate students (1st or 2nd year MSc or PhD). Each group explores accessible books or papers that have shaped the leader's mathematical perspective or research interests. Meetings are held online for one hour every two weeks throughout the academic year.

To propose a project, submit your application here. **The deadline for project submissions is September 19th**, and approved projects will be advertised to students for registration in September.

View Application Details

Early Bird Registration Deadline: 47th Australasian Combinatorics Conference

The Australasian Combinatorics Conference (ACC) is the annual conference of the Combinatorial Mathematics Society of Australasia (CMSA). The 47th conference will be held in-person at Te Herenga Waka—Victoria University of Wellington from December 1st - 5th, 2025. It covers all areas of combinatorics in mathematics and computer science. The ACC programme includes invited talks, contributed talks in parallel sessions, a conference dinner (with a presentation of the CMSA *Anne Penfold Street Student Prize* for the best student talk), an excursion, and the CMSA Annual General Meeting.

Early bird registration is now open until October 3rd, 2025. Additionally, the deadline to submit abstracts will be on November 14th.

View Conference Details

Scientific Programs

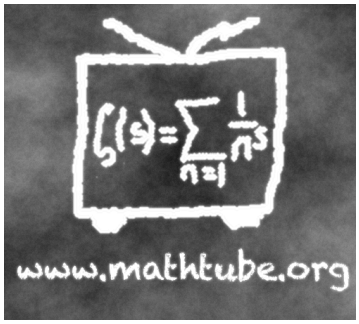
Education Programs

Industrial Programs

MEDIA

Missed a Lecture? Go to Mathtube.Org

Since 1996, PIMS has collected and maintained an archive of videos and lecture notes covering many areas of the mathematical sciences. If you missed any of the PIMS PDF Colloquium Lectures, visit www.mathtube.org to see these and other archives.



ABOUT PIMS

The Pacific Institute for the Mathematical Sciences (PIMS) was created in 1996 to promote discovery, understanding, and awareness in the mathematical sciences. PIMS has expanded from the mathematics community of Alberta and British Columbia to include Washington State, Saskatchewan, and Manitoba. Our mandate is to promote research in and applications of the mathematical sciences, to facilitate the training of highly qualified personnel, to create an equitable, diverse and inclusive community, to enrich public awareness of and education in the mathematical sciences, and to create mathematical partnerships with similar organizations in other countries in the Pacific Rim. PIMS funds Collaborative Research Groups, Post-Doctoral Fellowships, and individual events on a competitive basis.

We Want to Hear from You

Share your feedback on this month's newsletter and tell us what stories and news you would like to hear more of.

Feedback

Your Support Makes a Difference

PIMS education and outreach programs touch countless educators, students, and Indigenous communities. Some of our activities

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www.native-land.ca