

[Subscribe](#)[Past Issues](#)[Translate ▼](#)[View this email in your browser](#)PIMS MONTHLY CONNECTION | **September 2024**

Hello from PIMS

Welcome to the September edition of the PIMS Newsletter! Below, we have curated a list of events and meetings taking place at our member universities this month.

PIMS News:

- [Prof. Steven Rayan is the New Site Director at the University of Saskatchewan](#)

Opportunities Across the Network:

- Call For Projects: [PIMS First Year Interest Groups](#)
- Nominations Now Open: [2025 CRM-Fields-PIMS Prize](#)
- Nominations Now Open: [2024 PIMS/UBC Mathematical Sciences Early Career Award](#)
- Call for Proposals: [Host the 2025 and 2026 IDMS Summer School](#)

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- September 10th: [PIMS Network Wide Colloquium: Terence Tao](#)
- September 26th - 29th: [Maud Menten Institute HQP Summit](#)

PIMS NEWS



[Prof. Steven Rayan is the New Site Director at the University of Saskatchewan](#)

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is a full Professor in the Department of Mathematics and Statistics at the University of Saskatchewan and the founding director of the Centre for Quantum Topology and Its Applications (quanTA). His research areas include algebraic geometry, topology, and representation theory on the "pure" side, as well as quantum theory, quantum materials, and quantum computing.

[Read Full News Article](#)

PIMS NETWORK OPPORTUNITIES



Call for Projects: PIMS First Year Interest Groups

The PIMS First Year Interest Groups (FYIG) Program aims to bring together early career researchers to study active research topics in the mathematical sciences. Each First Year Interest Group will be led by a PIMS Postdoctoral Fellow (PDF), and will center on subjects that are accessible to early graduate students.

Each year, new PIMS FYIG projects are proposed by PIMS PDFs and applications to participate in these projects open in October. If you are a PIMS Postdoctoral Fellow who would like to propose a new FYIG project, please complete the following form to describe your project. The deadline for project submission is **September 6, 2024**.

[View Proposal Details](#)

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[CRM-Fields-PIMS Prize](#)

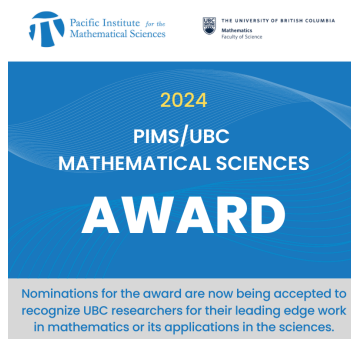
The [Centre de recherches mathématiques](#) (CRM), [the Fields Institute](#), and the Pacific Institute for the Mathematical Sciences (PIMS) are now accepting nominations for the CRM-Fields-PIMS Prize.



As the premier research prize jointly awarded by three Canadian mathematics institutes, the CRM-Fields-PIMS Prize honours individuals who have made outstanding advancements in mathematical research. The recipient, chosen by a selection committee representing all three institutes, will receive a monetary award and the opportunity to deliver a lecture at each institute within one year of receiving the prize.

The deadline for nominations is **November 1, 2024**. We particularly encourage nominations of women and of members of underrepresented groups.

[View Nomination Details](#)



[Nominations Now Open: 2024 PIMS/UBC Mathematical Sciences Early Career Award](#)

This prize was created by two founding donors, Anton Kuipers and Darrell Duffie, to recognize UBC researchers for their leading edge work in mathematics or its applications in the sciences.

Eligibility requirements: Any UBC faculty member who is **within 10 years of their PhD on January 1 of the year of nomination**. The nomination of an unsuccessful candidate who continues to satisfy the eligibility criterion will remain valid for one additional year. However, renewal of

The deadline to nominate is **October 31, 2024**.

[View Nomination Details](#)

[Call for Proposals: Host the 2025 and 2026 IDMS Summer School](#)

The Canadian Mathematics Research Institutes are thrilled to announce the opportunity to host the 2025 and 2026 Increasing Diversity in Mathematical Sciences (IDMS) Summer School. This program is dedicated to fostering greater participation of women and other underrepresented groups in advanced mathematical sciences.

CALL FOR PROPOSALS 2025 AND 2026 IDMS SUMMER SCHOOL



We invite proposals from faculty groups interested in organizing the summer school for either 2025 or 2026. The most recent program, held at Dalhousie University in 2024, focused on individuals who identify as women. For Summer 2025, we are seeking proposals aimed at supporting another underrepresented minority group. The 2026 program can be directed towards either group, depending on the proposals submitted.

[View Program Details](#)

FEATURE EVENTS



[2024 PIMS Open House](#)

September 10, 2024: Online

12:00 PM Pacific Time | 1:00 PM Mountain Time | 3:00 PM

Eastern Time

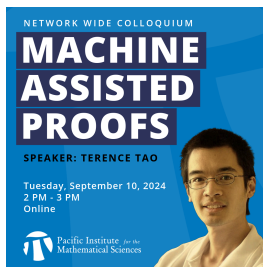
PIMS is pleased to invite our extended network to our annual PIMS Open House on September 10, 2024.

- Meet with our PIMS Directors

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- Attend our network wide colloquium featuring Terrence Tao (UCLA) | **online at 2:00 PM PT**

Please extend this invite to your colleagues, many of whom will be interested in knowing about the ways in which PIMS supports mathematical sciences researchers and their work across western Canada.

[See Event Details](#)

[PIMS Network Wide Colloquium: Terrence Tao](#)

September 10, 2024: Online

2:00 PM Pacific Time

Machine assisted proofs

Terrence Tao is a Professor at the Department of Mathematics, UCLA, where he holds the James and Carol Collins Chair in the College of Letters and Sciences. He works in several mathematical areas but primarily in harmonic analysis, PDE, geometric combinatorics, arithmetic combinatorics, analytic number theory, compressed sensing, and algebraic combinatorics. Professor Tao is part of the Analysis Group at UCLA, and also an editor or associate editor at several mathematical journals.

[View Event Details](#)

[Maud Menten Institute HQP Summit](#)

September 26 - 29, 2024: University of British Columbia

The Maud Menten Institute (MMI) is a [PIMS Research Network](#) (2024-2027) that aims to provide a collaborative research platform

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industry and NGOs.

The secondary purpose of the Maud Menten Institute is to develop the required training program for the non-academic pipeline in mathematical biology. This program will allow new generations of mathematical biologists to impact biological fields inside and outside of academia and will explicitly establish mathematical biology as a powerful tool of investigation in biology.

The first MMI in-person meeting will take place at UBC Vancouver from September 26th to September 29th, beginning with an HQP Summit and followed by Working Group Meetings.

[View Program Details](#)

View our calendars for more meetings and events

[Scientific Programs](#)

[Education Programs](#)

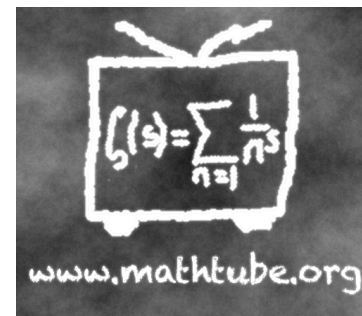
[Industrial Programs](#)

MEDIA

Missed a Lecture? Go to [Mathtube.Org](https://www.mathtube.org)

Proceedings for the [PIMS-FACTS event series](#) that took place last summer are now available for viewing!

Since 1996, PIMS has collected and maintained an archive of videos and lecture notes covering many areas of the



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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 include summer schools, mathematics contests and meetings for educators. [Learn more](#)

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We acknowledge with gratitude that PIMS central office is located on the unceded, traditional, and occupied territory of the Coast Salish peoples. This includes the territories of the xwməθkwəy̓əm (Musqueam),

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