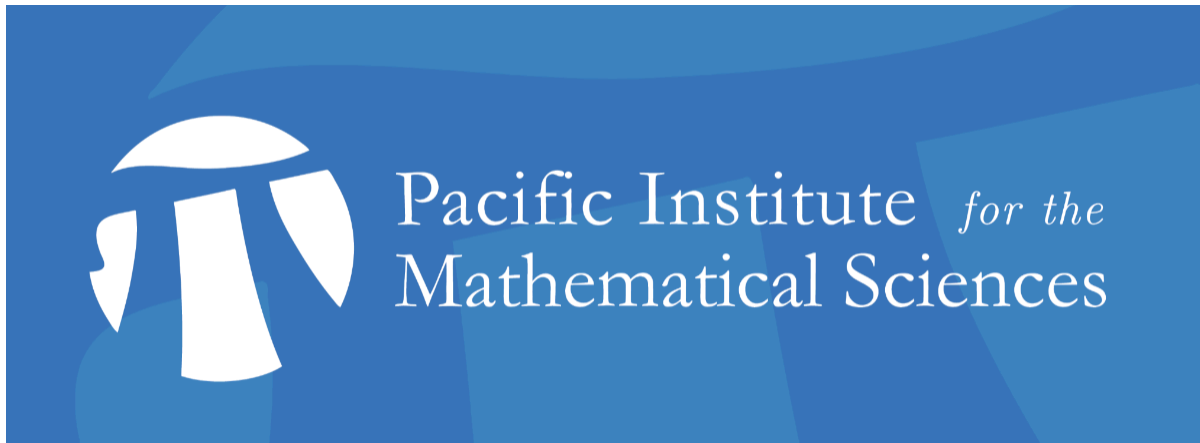


[View this email in your browser](#)PIMS MONTHLY CONNECTION | **October 2025**

Hello from PIMS

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

PIMS News:

- [PIMS Appoints Prof. Deanna Needell as New Co-Director, Programs](#)

Upcoming Deadlines Across the Network:

- **Applications Closing Soon:** [2026/27 PIMS Call for Proposals](#)
- **Nominations Now Open:** [2026 CRM-Fields-PIMS Prize](#)
- **Student Applications Now Open:** [2025-2026 First Year Interest Groups](#)
- **Nominations Now Open:** [2026 CAIMS/PIMS Early Career Award](#)
- **Nominations Now Open:** [2026/2027 PIMS Postdoctoral Competition](#)

Feature Events:

- **September 2025 - March 2026:** [2025/2026 PIMS Network-Wide Colloquia Series](#)
- **October 3rd:** [PIMS-UBC Math Job Forum for Postdoctoral Fellows and Graduate Students](#)
- **October 25th:** [UBC Applied Mathematics Meeting](#)

PIMS NEWS

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[Needell as New Co-Director, Programs](#)

The Pacific Institute for the Mathematical Sciences (PIMS) is pleased to announce the appointment of Prof. Deanna Needell as its new Co-Director, Programs. Prof. Needell brings a wealth of experience and a distinguished record of achievement to the role. She is widely recognized for her contributions to applied mathematics, data science, and signal processing.

The Co-Director, Programs oversees PIMS programs that support academic research communities, including planning and executing targeted initiatives in areas like quantum, climate, and oceans. This role also leads the PIMS PDF competition in collaboration with the Director and other Co-Director, making strategic decisions to sustain and grow these research communities.

[Read the Full Announcement](#)

PIMS NETWORK DEADLINES



[Applications Closing Soon:](#) [2026/27 PIMS Call for Proposals](#)

The Pacific Institute for the Mathematical Sciences (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. Scientific proposals will be accepted until **Wednesday, October 1, 2025**. We welcome the following types of proposals:

- Collaborative Research Groups
- PIMS Research Networks

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- [Conferences and Workshops](#)
- [Summer Schools](#)
- [Distinguished Visitors](#)

In addition to the annual call for proposals, PIMS provides various other support programs: [Activities with Small Budgets](#); [Innovation Activities](#) (involving industry and other non-academy partners); and [Education and Outreach activities](#).

[View Full Application Details](#)



[Nominations Now Open: 2026 CRM-Fields-PIMS Prize](#)

The [Centre de recherches mathématiques](#) (CRM), [the Fields Institute](#), and the Pacific Institute for the Mathematical Sciences (PIMS) invite nominations for the joint CRM-Fields-PIMS award, presented to recognize outstanding achievement in the mathematical sciences. Nominees' research must have been conducted primarily in Canada or in affiliation with a Canadian university.

The CRM-Fields-PIMS Prize is Canada's most prestigious recognition for research achievements in the mathematical sciences. The winner is awarded a cash prize, and will be invited to give a lecture at each institute during the year following the announcement of the prize.

The deadline for nominations is **November 1, 2025**. We particularly encourage nominations of women and of members of underrepresented groups.

[View Nomination Details](#)

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2025-2026 First Year Interest Groups

Graduate student applications are now open for the 2025-2026 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 PDF, and centre on an accessible subject for beginning graduate students.

The 2025-2026 FYIG topics are (please note that projects listed have been proposed but are not yet finalized):

- [Quantum Walks on Graphs](#) (*Hermie Monterde, University of Regina*)
- [Explorations in Approximation Theory](#) (*John Jairo Lopez Santander, University of Manitoba*)
- [An introduction to Generative Diffusion Models](#) (*Tianxia Jia, University of Victoria*)
- [Cohomological Methods in the Geometric Theory of Differential Equations](#) (*Konstantin Druzhkov, University of Saskatchewan*)
- [Forecasting and Mathematical Modeling for Renewable Energy: An analysis of renewable mini-grid projects for rural electrification](#) (*Trisha Lawrence, University of Calgary*)
- [Primes and the Theory of the Riemann zeta function](#) (*Nicol Leong, University of Lethbridge*)
- [Introduction to Toric Varieties](#) (*Emanuela Marangone, University of Manitoba*)

If you are a first or second year graduate student who would like to participate in one of these groups, apply to join a FYIG by **October 10, 2025**.

[View Application Details](#)

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CAIMS/PIMS Early Career Award

The CAIMS/PIMS Early Career Award recognizes exceptional research in any branch of applied mathematics, interpreted broadly. To be eligible for the \$1,000 prize awarded at the 2026 annual meeting, the nominee's Ph.D. must have been granted in 2016 or later. The nominee's research should have been conducted primarily in Canada or in affiliation with a Canadian university. Submitted nominations will be considered relative to the career stage, accounting for career stage, career interruptions, and non-traditional career trajectories.



The deadline to submit a nomination is **December 1, 2025**.

To submit an application for this award, please visit the [Open Nominations page](#).

[View Nomination Details](#)



Nominations Now Open: 2026/2027 PIMS Postdoctoral Competition

PIMS invites nominations of outstanding young researchers in the mathematical sciences for postdoctoral fellowships beginning in the academic year 2026 - 2027. Candidates must be nominated by a scientist or department affiliated with PIMS. These fellowships are intended to supplement the 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 the University of Victoria.

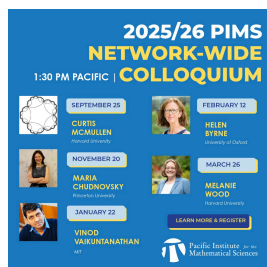
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contribute at least \$30,000 in matching funds, an increase from the previous requirement of \$25,000.

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 1, 2025**.

[View Nomination Details](#)

FEATURE EVENTS



[2025/2026 PIMS Network-Wide Colloquia Series](#)

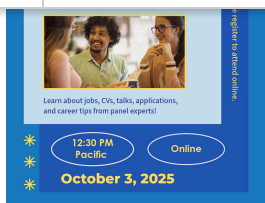
September 2025 - March 2026: Online

Registration is now open for the **2025/26 PIMS Network-Wide Colloquium Series**, a high-level online lecture series featuring distinguished speakers in the mathematical sciences from across the PIMS network. The speaker lineup includes:

- **September 25th:** Curtis McMullen (Harvard University)
- **November 20th:** Maria Chudnovsky (Princeton University)
- **January 22th:** Vinod Vaikuntanathan (MIT)
- **February 12th:** Helen Byrne (Oxford University)
- **March 26th:** Melanie Wood (Harvard University)

*Participants only need to register once to attend any of the scheduled talks, and Zoom reminders will be sent before each event. Talks take place online at **1:30 PM PT / 2:30 PM MT / 3:30 PM CT**.*

[See Event Details](#)

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[Postdoctoral Fellows and Graduate Students](#)

October 3, 2025: Online

Join us on October 3rd for the **2025 PIMS-UBC Math Job Forum**, an online event designed for postdoctoral fellows and graduate students exploring careers in academia and industry. The forum will feature expert panelists discussing topics such as crafting a strong CV, delivering effective job talks, writing compelling applications, and navigating career paths in research universities, liberal arts colleges, and the private sector. The event includes short presentations followed by a discussion. Panel speakers will include Dan Coombs (UBC), Bryan Penfound (Okanagan College), Matthew Adams (Alberta Children's Hospital Research Institute), and Dhavide Aruliah (MKDA Consulting).

*The event takes place via Zoom at **12:30 PM PT / 1:30 PM MT / 2:30 PM CT**, and registration is required.*

[See Event Details](#)



[UBC Applied Mathematics Meeting](#)

October 25, 2025: University of British Columbia

The UBC Applied Mathematics Meeting is a one-day conference celebrating the launch of the SIAM Student Chapter at UBC in Vancouver, Canada. Aimed at fostering collaboration and knowledge exchange, the event brings together mathematicians, industry researchers, and students to share research and ideas. The program includes 20-minute talks by senior researchers and 10-minute talks by junior researchers, focusing on the motivation and methods behind solving real-world problems. Those interested in attending or presenting a talk or poster are encouraged to register.

[View Event Details](#)

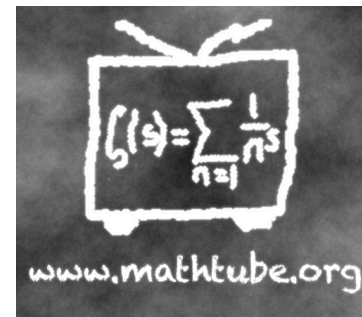
View our calendars for more meetings and events

[Scientific Programs](#)[Education Programs](#)[Industrial Programs](#)

MEDIA

Missed a Lecture? Go to [Mathtube.Org](http://www.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.

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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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