

[Subscribe](#)[Past Issues](#)[Translate ▼](#)[View this email in your browser](#)

Pacific Institute *for the* Mathematical Sciences

PIMS MONTHLY CONNECTION | **February 2025**

Hello from PIMS

Welcome to the February 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:

- [Dr. Christos Thrampoulidis is Awarded the 2024 PIMS/UBC Mathematical Sciences Early Career Prize](#)
- [PIMS Collaborates with DistriQ and PINQ2 to Bring Quantum Computers to Researchers](#)

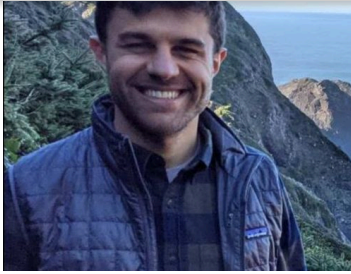
Opportunities Across the Network:

- **Job Posting:** [Co-Director, Programs at the Pacific Institute for the Mathematical Sciences](#)
- **Nomination Deadline:** [PIMS Education Prize](#)
- **Applications Now Open:** [2025-2026 PIMS/BIRS Team Up! Program](#)
- **Call for Proposals:** [2025 Alberta Mathematics Dialogue \(AMD\)](#)
- **Register for PIMS Network-Wide Course:** [Translation Surfaces](#)

Feature Events:

- **February 10th:** [Science for All: Building Equity Together with Lisa M.P. Munoz](#)
- **February 12th:** [PIMS Postdoctoral Fellow Seminar: Abbas Maarefparvar](#)
- **February 19th:** [PIMS Postdoctoral Fellow Seminar: Anastassiya Semenova](#)
- **February 21st:** [M2PI Case Studies Virtual Seminar](#)
- **February 27th:** [PIMS Network Wide Colloquium: Jordan Ellenberg](#)

PIMS NEWS

[Subscribe](#)[Past Issues](#)[Translate ▼](#)

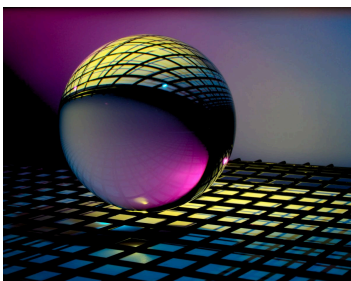
[Awarded the 2024 PIMS/UBC Mathematical Sciences Early Career Prize](#)

PIMS is thrilled to announce that Dr. Christos Thrampoulidis, Associate Professor in the Department of Electrical and Computer Engineering at UBC, has been awarded the 2024 PIMS/UBC Mathematical Sciences Early Career Award.

This award recognizes UBC researchers for their innovative contributions to mathematics or its applications in the sciences. Notably, Dr. Thrampoulidis is the first recipient of this honour from outside the Mathematics or Statistics Department.

Dr. Thrampoulidis' research lies at the intersection of statistical signal-processing, machine learning, high-dimensional statistics, and optimization. Before joining UBC, he served as an Assistant Professor at the ECE Department of the University of California, Santa Barbara.

[See News Announcement](#)



[PIMS Collaborates with DistriQ and PINQ2 to Bring Quantum Computers to Researchers](#)

The Platform for Digital and Quantum Innovation of Quebec (PINQ²) is a non-profit organization dedicated to supporting Canadian companies and universities in their innovation projects. With high-performance computing infrastructure that combines classical and quantum capabilities, PINQ² provides a secure and customized environment for developing advanced technological solutions.

[Subscribe](#)[Past Issues](#)[Translate ▼](#)

computer, the IBM Quantum System One, enabling PIMS researchers to explore innovative solutions to tackle the complex challenges of tomorrow. For more information, see our [recent announcement on the partnership](#).

To learn more about PINQ²'s services and discover how to access a quantum computer through this collaboration, please visit the PINQ² website: pinq2.com or contact maxime.marchand@pinq2.com.

PIMS NETWORK OPPORTUNITIES



[Job Posting: Co-Director, Programs at the Pacific Institute for the Mathematical Sciences](#)

Applications are invited for the position of Co-Director, Programs at the Pacific Institute for the Mathematical Sciences (PIMS) for a term of up to five years, beginning on (preferably) September 1, 2025.

The PIMS Board of Directors appoints two faculty members at PIMS Member Universities as Co-Directors as a result of a competitive search process. The PIMS Co-Directors will report to the PIMS Director, serve for up to 5 years and may be reappointed for at most one additional term of up to 5 years. The Co-Director, Programs is responsible for the running of PIMS programs that aim to create and support academic research communities.

Applications may be submitted via MathJobs until **March 31, 2025**.

[View Application Details](#)

[Subscribe](#)[Past Issues](#)[Translate ▼](#)

[Education Prize](#)

Every year the Pacific Institute for the Mathematical Sciences accepts nominations for the PIMS Education Prize. The prize is \$1,000. This prize is intended to recognize individuals or groups from PIMS universities, or other educational institutions in Alberta, British Columbia, Manitoba, Saskatchewan and Washington who have played a major role in encouraging activities which have enhanced public awareness and appreciation of the mathematical sciences, as well as fostering communication among various groups and organizations concerned with mathematical training at all levels. Please visit the PIMS website to view nomination requirements and other details. **The deadline to nominate is March 14, 2025.**

[View Nomination Details](#)

[Applications Now Open: 2025-2026 PIMS/BIRS Team Up! Program](#)

PIMS/BIRS Team Up! is a program aimed at researchers whose research program may have been affected by various obstacles like family obligations, professional isolation, access to funding, and the COVID-19 pandemic. This includes, but need not be limited to, women, gender-expansive, and minoritized groups, Indigenous scholars, individuals with visible/invisible challenges and early-career researchers with limited resources. Successful groups of 2-6 collaborators will be supported for two weeks at either the Banff International Research Station (BIRS) or the Kelowna BIRS site where they will be able to focus on their research.

[Call for Proposals: 2025 Alberta Mathematics Dialogue \(AMD\)](#)

The annual Alberta Mathematics Dialogue (AMD) is the largest annual meeting for professional mathematicians and mathematics educators in Alberta. Over two days at the University of Calgary, delegates will discuss current research, collaborate on open problems, exchange ideas on post-secondary education and share educational resources.



The event is accepting proposals for research sessions held on May 1, 2025 and teaching sessions held on May 2, 2025.

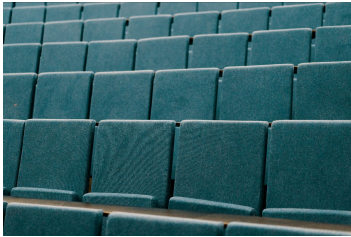
To submit a session proposal, please [fill out the Session Proposal form](#) on the PIMS website. **Proposals will be accepted until March 16, 2025. General registration is now also open.**

Program Details and Eligibility

To participate, Team Up! applicants should meet the following criteria:

- *Groups of two to six mathematicians with partial results on an established project, or a clear plan for a proposed project.*
- *Each member of the group must have a Ph.D. in mathematics or a related area, or advanced graduate standing.*
- *At least one team member with a Ph.D. must be based at a PIMS Member or PIMS Affiliated institution.*
- *Each group must apply to be in residence at a designated BIRS venue (Banff or Kelowna) for two weeks.*
- *All members of the group must be in residence for the full duration of the visit.*
- *Applicants may only apply as a member of one research group.*

Applications for residences are currently being accepted for the period September 1, 2025 - August 31, 2026. **Complete applications (including demographic information for all collaboration members) must be received before April 15, 2025.** Successful applicants will be notified early the following June.

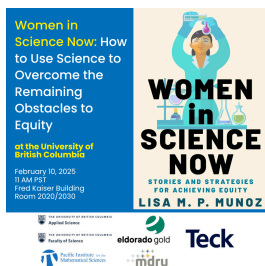


[Register for PIMS Network-Wide Course: Translation Surfaces](#)

The course "Translation Surfaces", running from March 31 to June 6, 2025, is now open for registration. This course is available for registration under the Western Dean's Agreement but registrations must be approved by the course instructor. Please contact the course instructors including details of how you meet the course prerequisites through the Courses website. Students at Canadian PIMS member universities participating in the course may apply for graduate credit via the [Western Dean's Agreement](#). Please encourage interested graduate students in your department(s) to apply.

[View Course Details](#)

FEATURE EVENTS



[Science for All: Building Equity Together with Lisa M.P. Munoz](#)

**February 10, 2025: University of British Columbia
11 AM PST**

Join us for a morning with Lisa M.P. Munoz, author of "Women in Science Now" and publicist behind the Emmy-nominated film "Picture a Scientist", where she will present *Women in Science Now: How to Use Science to Overcome the Remaining Obstacles to Equity*. This is an exciting opportunity to hear from a leader in science communication and equity! Aimed at students, faculty, and researchers working in academia, Munoz's ideas and strategies can

[Subscribe](#)[Past Issues](#)[Translate ▾](#)[See Event Details](#)

[PIMS Postdoctoral Fellow Seminar: Abbas Maarefparvar](#)

February 12, 2025: Online

9:30 AM PST | 10:30 AM MST | 11:30 AM CST

Abbas Maarefparvar completed his Ph.D. in pure mathematics in 2018, under the supervision of Professor Ali Rajaei at the Tarbiat Modares University, Tehran, Iran. He was also a full-time researcher in cryptography at the Research Center for Development of Advanced Technologies, Tehran, Iran. His main research area lies in algebraic number theory, especially the local-global class field theory, the Galois cohomology of number fields, and the arithmetic of elliptic curves as well as the lattice-based cryptography.

Register to attend. PIMS will send a reminder email on the day of the event.

[See Event Details](#)

[PIMS Postdoctoral Fellow Seminar: Anastassiya Semenova](#)

February 19, 2025: Online

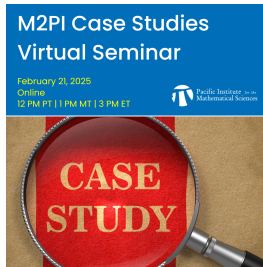
9:30 AM PST | 10:30 AM MST | 11:30 AM CST

[Stokes Waves](#)

Anastassiya Semenova is a PIMS-Simons postdoctoral fellow at the University of Washington. She received her Ph.D. in mathematics at the University of New Mexico in 2020. A Pearson

[Subscribe](#)[Past Issues](#)[Translate ▼](#)

Register to attend. PIMS will send a reminder email on the day of the event.

[See Event Details](#)

[M2PI Case Studies Virtual Seminar](#)

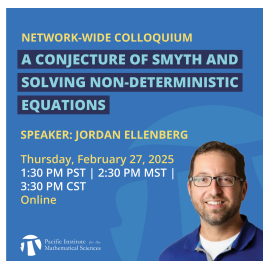
February 21, 2025: Online

1 PM PST | 2 PM MST | 3 PM EST

The PIMS Math to Power Industry program is pleased to announce the Case Studies Virtual seminar. The primary goal of this project is to bring together graduate students, postdoctoral fellows and faculty members in the PIMS network who are engaged in mathematical research activities with members of the business, industry, not-for-profit, government or other sectors of our western Canadian community. This seminar series will allow us to share our stories: what worked, what didn't work and what were the "ah ha" moments of collaborating with community.

We welcome all those interested in being involved in the seminar.

Registration is required to attend.

[View Event Details](#)

[PIMS Network Wide Colloquium: Jordan Ellenberg](#)

February 27, 2025: Online

1:30 PM PST | 2:30 PM MST | 3:30 PM CST

[A conjecture of Smyth and solving non-deterministic equations](#)

[Subscribe](#)[Past Issues](#)[Translate ▼](#)

geometry. He is also a Discovery Fellow at the Wisconsin Institute for Discovery, where he is part of the Machine Learning group and the Institute for Foundations of Data Science. Professor Ellenberg is a member of the Science Board of IPAM and an author of both fiction and non-fiction writing.

Register to attend. PIMS will send a reminder email on the day of the event.

[View Event Details](#)

View our calendars for more meetings and events

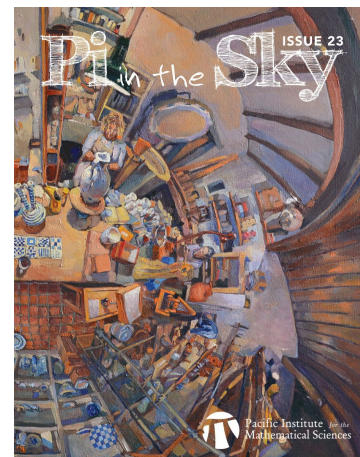
[Scientific Programs](#)[Education Programs](#)[Industrial Programs](#)

MEDIA

Pi in the Sky Issue 23 is Out Now!

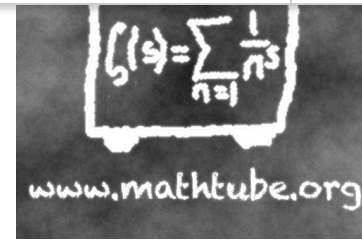
Geared toward high school students and teachers, *Pi in the Sky* offers a fresh cultural perspective on mathematics, exploring curriculum topics from new and engaging angles.

Pi in the Sky magazine is published by the Pacific Institute for the Mathematical Sciences and is available online. [Visit our website to read the issue!](#)



[Subscribe](#)[Past Issues](#)[Translate](#) ▼

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

[Donate to PIMS](#)

Follow PIMS and be a part of our community



Mailing address:

Pacific Institute for the Mathematical Sciences
The University of British Columbia
4176-2207 Main Mall
Vancouver, BC V6T 1Z4
Canada

Subscribe

Past Issues

Translate ▼

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), Skwxwú7mesh (Squamish), and Səlilwətaʔ/Selilwitulh (Tsleil-Waututh) Nations.
www.native-land.ca