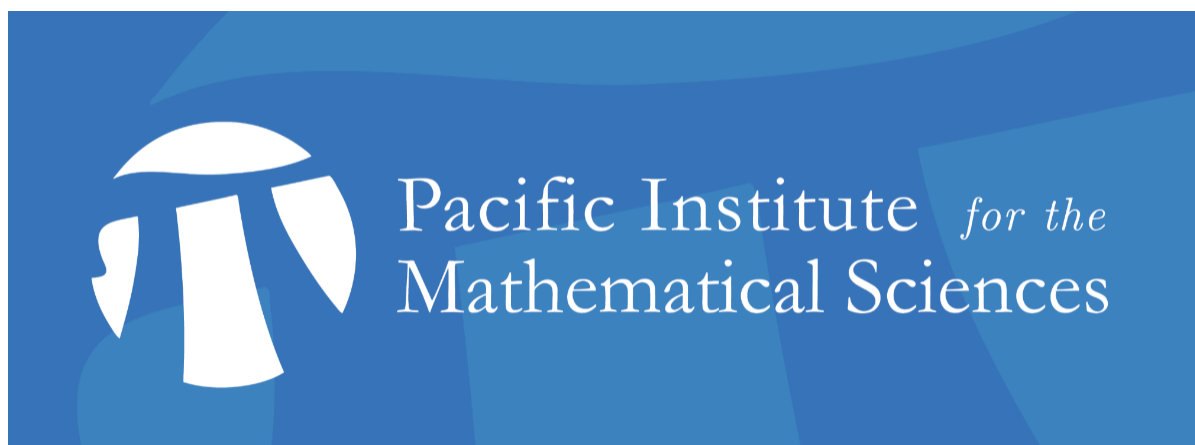


[Subscribe](#)[Past Issues](#)[Translate ▼](#)[View this email in your browser](#)PIMS MONTHLY CONNECTION | **June 2025**

Hello from PIMS

The June 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:

- [Math to Power Industry Class of 2025 Graduates!](#)

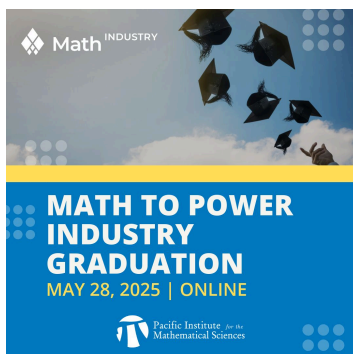
Feature Events:

- **Nominations Now Open:** [PIMS Network-Wide Colloquium Series](#)
- **Registration Now Open:** [Registration Now Open: UCalgary Junior High Data Science Camp](#)
- **Registration Closing Soon:** [Discrete, Convex and Combinatorial Geometry Fest](#)
- **Registration Now Open:** [UBC Girls in Data Science Camp](#)
- **Registration Closing Soon:** [2025 Diversity in Research Experiences Across Mathematics \(DREAMs\) Institute](#)
- **Applications Now Open:** [Gender Equity in the Mathematical Study \(GEMS\) of Optimization](#)

Upcoming Deadlines Across the Network:

- June 2nd - 27th: [2025 PIMS-CRM Summer School in Probability](#)
- June 2nd - 13th: [SMS 2025: An Introduction to Recent Trends in Commutative Algebra](#)
- June 2nd - 6th: [LG&TBQ2: Geometry, Topology, and Dynamics](#)
- June 13th - 15th: [Operator Analysis on Function Spaces](#)
- June 16th - 25th: [Structure-Preserving Scientific Computing and Machine Learning: Summer School and Hackathon](#)
- June 16th - 27th: [3MC-PIMS-IDMS-ICMS Summer School on Quantitative Molecular and Cellular Biology](#)
- June 29th - July 6th: [Math Attack Summer Camp for Girls](#)

PIMS NEWS



Math to Power Industry 2025 Graduation

PIMS would like to congratulate the Math to Power Industry 2025 cohort on the successful completion of their industry collaborations. The graduation event was held virtually on May 28th, with remarks from Luis Seco (University of Toronto) and Yakine Bahri (BCi, M2PI '20), followed by team presentations. We also want to thank our partners for this year's successful workshop: *Clause Technology*, *IOTO*, *Awesense*, *Hummingbird Bioscience*, and *Type One Energy*. Congratulations to the M2PI Class of 2025!

PIMS NETWORK DEADLINES



Nominations Now Open: PIMS Network-Wide Colloquium Series

PIMS is calling for nominations for the 2025/2026 [Network-Wide Colloquium Series](#). These high-quality colloquia are given on a monthly basis (likely delivered virtually) for an audience spread across the 10 PIMS member universities. Nominations will be evaluated based on: *the distinction of the speaker; equity, diversity and inclusivity considerations; breadth of topics in the series; and suitability for a colloquium-style lecture*. Suggestions for speakers are now being considered by the PIMS Colloquium Committee, and should be sent to **Joshua Zahl** (jzahl@math.ubc.ca). **Note:** It is not necessary to contact the proposed speaker in advance of submitting the nomination. Please submit your proposals by **June 15th, 2025**.

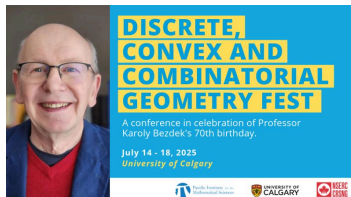
[View Proposal Details](#)

[Registration Now Open: UCalgary Junior High Data Science Camp](#)

The University of Calgary **Junior High Data Science Camp** is a **FREE** two-day camp designed for students in grades 7 to 9. This camp is a fun and engaging introduction to the exciting world of data science! Happening on July 14 and 15, 2025, the goal of this camp is to make data science accessible, exciting, and welcoming to all students, regardless of background. **There is no cost for registration, however, space is limited to 30 students. If you are interested in joining the camp please register by June 8, 2025.** If you are selected to attend the camp, we'll contact you on June 18th with a registration link. If the camp reaches capacity, you will be notified as well.



[View Science Camp Details](#)



[Registration Closing Soon: Discrete, Convex and Combinatorial Geometry Fest](#)

In 2025, we will celebrate the 70th birthday of Professor Karoly Bezdek. In recognition of this special occasion and Professor Bezdek's many contributions to the field of geometry, we are pleased to announce that an international conference titled "Discrete, Convex and Combinatorial Geometry Fest" will be held during the week of July 14-18, 2025, at the Department of Mathematics and Statistics of the University of Calgary. The international conference will celebrate his profound impact on the field; join us for a week of collaboration! **Registration will close on June 15, 2025.**

[View Conference Details](#)

Registration Now Open: UBC Girls in Data Science Camp



The Girls in Data Science Summer Camp at UBC aims to expose participants to a variety of topics in data science and statistics. This camp is offered for girls and other gender minorities in grades 8-12. Limited spots are available; please only register if you are committed to attending all 3 days (July 7-9) of the event. More detailed information will be provided after registration. **Please note that you cannot participate in the camp if you have participated in a previous year.** To register, complete the [registration form](#) and [pay the \\$20 registration fee](#) to confirm your spot in the camp.

[View Camp Details](#)



July 14 - 21, 2025 | Online

2025 DIVERSITY IN RESEARCH EXPERIENCES ACROSS MATHEMATICS (DREAMS) INSTITUTE

The PIMS Diversity in Research Experiences Across Mathematics (DREAMs) Institute is a three-week online summer enrichment program designed to provide high school students an opportunity to explore mathematics at the University level.

- ✔ This program is FREE!
- ✔ Participants should be in their last two years of high school studies with a strong grasp of high school mathematics
- ✔ Deadline to apply: June 30, 2025

Pacific Institute for Mathematical Sciences

Registration Closing Soon: 2025 Diversity in Research Experiences Across Mathematics (DREAMs) Institute

The PIMS Diversity in Research Experiences Across Mathematics (DREAMs) Institute is a three-week online summer enrichment program designed to provide high school students in their last year or two of studies an opportunity to explore mathematics at the university level. Participants will be introduced to four foundational areas of mathematics by guest lecturers during the first week and then work on inquiry-based projects with the support of the lecturers and graduate teaching assistants. There is no cost to participate in the DREAMs Institute, but we do expect participants to commit to attending for the full duration of

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[Applications Now Open: Gender Equity in the Mathematical Study \(GEMS\) of Optimization](#)



The Pacific Institute for the Mathematical Sciences, Banff International Research Station, and UBC Okanagan will host the “Gender Equity in the Mathematical Study (GEMS) of Optimization” workshop at the UBC Okanagan campus in Kelowna, BC, from August 3 to 9, 2025. This workshop aims to build a community of mathematicians who self-identify as gender minorities in mathematics and who work in optimization at the intersection of combinatorics, algebra, and geometry. We expect to gather leading experts in the fields of reaction-diffusion equations and geometric flows, as well as promising young researchers, in order to increase the interactions between the different communities. **Interested applicants will need to request an invitation to attend the workshop.**

[View Workshop Details](#)

FEATURE EVENTS



[2025 PIMS-CRM Summer School in Probability](#)

June 2-27, 2025: University of British Columbia

The 2025 PIMS-CRM Summer School in Probability will take place in Vancouver from June 2nd to 27th. There are two long courses,

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three mini-courses, given by **Nathanael Berestycki** (University of Vienna), **Nina Holden** (Courant Institute), and **Tianyi Zheng** (UC San Diego). This will be the 13th PIMS Summer School in Probability. *Previous summer schools were held (at UBC, unless noted) in 2004, 2005, 2008, 2009, 2010 (Seattle), 2012, 2014, 2015 (Montreal), 2017, 2021 (Montreal/online), 2022, and 2024 (Montreal).*

There is a registration fee of \$150 CAD per person for this event. All attendees must register through the PIMS website, and are encouraged to register as soon as possible.

[See Event Details](#)



[SMS 2025: An Introduction to Recent Trends in Commutative Algebra](#)

June 2-13, 2025: The Fields Institute

This summer school will take place from June 2 to 13 and is part of the Fields Institute thematic program in Commutative Algebra and Applications. The 2025 SMS will allow graduate students to learn about a number of recent trends and advances in the field of commutative algebra. The aim of the SMS is to provide an “on-ramp” for graduate students interested in algebra, combinatorics, and/or algebraic combinatorics to learn more about commutative algebra’s interaction with these fields. The school will focus on four topics within commutative algebra: *combinatorial methods, homological methods, computational methods, and characteristic p methods.*

Decisions on applications have now been completed. Due to limited space, this workshop is invitation only. Please only attend in person if you have received an invitation. Registration to attend online is open to all.

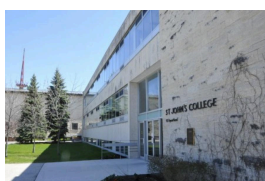


[LG&TBQ2: Geometry, Topology, and Dynamics](#)

June 2-6, 2025: McGill University

The LG&TBQ2 conference, held at McGill University from June 2 to 6, 2025, will celebrate LGBTQ mathematicians in geometry, topology, and dynamics. **LG&TBQ2: Geometry, Topology, and Dynamics** is a sequel to the first conference LG&TBQ organized in 2019 at the University of Michigan. In addition to the plenary lectures, we will have contributed talks in three parallel sessions. There will also be a session of lightning talks and a poster session. Finally, we are planning an open discussion on LGBTQ experiences in mathematics and a panel on non-academic careers. Panel speakers include Elizabeth Goodman, Özge Samanci, and Carissa Slone. The panel will be moderated by Talia Fernós.

[View Event Details](#)



[Operator Analysis on Function Spaces](#)

June 13-15, 2025: St. John's College, University of Manitoba

The dynamic interplay between functional analysis and operator theory has given rise to numerous new sub-fields of analysis, collectively forming an emerging area we like to call "operator analysis on function spaces". While being interesting in their own right, these sub-fields tend to lie adjacent to other topics of interest, such as operator algebras, free analysis, harmonic analysis, and complex geometry, to name a few. We aim to spotlight several of these evolving sub-fields by gathering experts and early-career researchers from around the world to showcase their work through plenary talks, invited talks, and parallel contributed sessions. Our

[See Event Details](#)

[Structure-Preserving Scientific Computing and Machine Learning: Summer School and Hackathon](#)

June 16-25, 2025: University of Washington

Talented and motivated graduate students from Canada and the United States are invited to participate in a unique summer school and hackathon. The goal of this event is to expose graduate students to the exciting and emergent field of structured-preserving scientific computing and machine learning through four mini-courses taught by world-leading experts in computational mathematics and by gaining practical experience through hackathon projects led by scientists and researchers in academia, government agencies, industry, and national laboratories.

[View Event Details](#)

[3MC-PIMS-IDMS-ICMS Summer School on Quantitative Molecular and Cellular Biology](#)

June 16 - 27, 2025: University of Manitoba

The 3MC-PIMS-IDMS-ICMS Summer School is co-organised under the umbrellas of 3MC, PIMS and ICMS. It is funded by PIMS and, as an Increasing Diversity in Mathematical Sciences (IDMS) Summer School, through AARMS, CRM, Fields Institute and PIMS. It will be held at the Fort Garry campus (University of Manitoba), from June 16 to 27, 2025. The summer school aims to equip students with

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include quantitative molecular and cellular biology.

[See Event Details](#)

Math Attack Summer Camp for Girls

June 29-July 6, 2025: University of Calgary/ Banff International Research Station (BIRS)

This 8-day overnight camp will bring together 21 girls in grades 7-10 to engage in fun mathematical activities and build connections.

Students will stay in the university residence for the first five nights of the camp and at the Banff Centre for the last two nights. The camp aims to encourage girls to pursue their passion for mathematics and make connections with peers who share similar interests.

Registration is now closed.

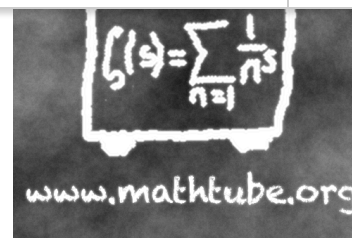
View our calendars for more meetings and events

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MEDIA

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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](#)

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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), Skwxwú7mesh (Squamish), and Səlilwətaʔ/Selilwitulh (Tsleil-Waututh) Nations.

www.native-land.ca