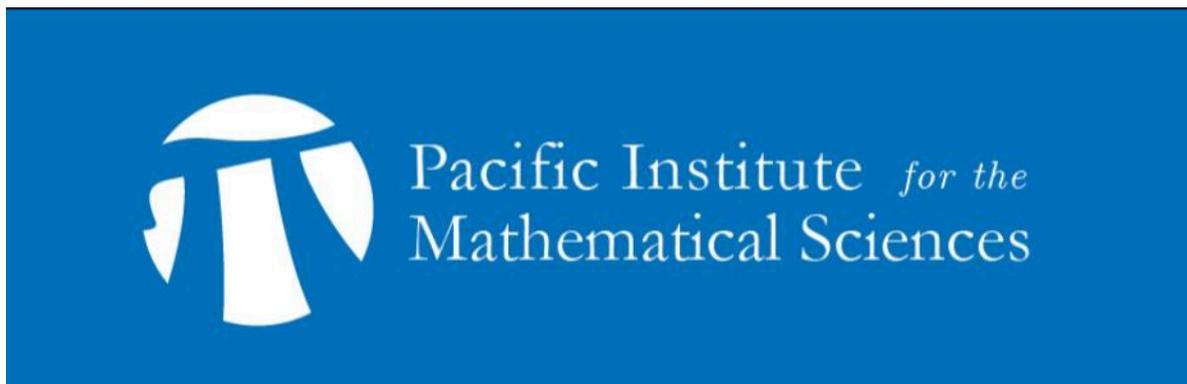


[Subscribe](#)[Past Issues](#)[Translate ▼](#)[View this email in your browser](#)PIMS MONTHLY CONNECTION | **October 2024**

Hello from PIMS

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

Opportunities Across the Network:

- **Deadline Approaching:** [2025 PIMS Scientific Proposals](#)
- **Deadline Approaching:** [PIMS CNRS Visitor Program](#)
- **Nominations Closing Soon:** [2024 PIMS/UBC Mathematical Sciences Early Career Award](#)
- **Nominations Closing Soon:** [2025 CRM-Fields-PIMS Prize](#)
- **Applications Now Open:** [Summer School on Quantitative Molecular & Cellular Biology](#)

Feature Events:

- **October 9th:** [PIMS Postdoctoral Fellow Seminar: Alice Lacaze-Masmonteil](#)
- **October 17th:** [PIMS Network Wide Colloquium: Sheehan Olver](#)
- **October 23rd:** [PIMS Postdoctoral Fellow Seminar: Jeet Sampat](#)
- **October 24th:** [Marsden Memorial Lecture: Anil Hirani](#)

PIMS NETWORK OPPORTUNITIES

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2025

SCIENTIFIC CALL FOR PROPOSALS

NEW FUNDING AVAILABLE:

- Mathematics for the Future (MfF)
- International Congress of Mathematicians (ICM) 2026 Aligned Events

APPLICATIONS DUE OCTOBER 1, 2024

Scientific Proposals

PIMS is pleased to announce an [open call for proposals](#) for mathematical science activities for 2025 (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 **Tuesday, October 1, 2024**. We welcome the following types of proposals:

- Collaborative Research Groups
- PIMS Research Networks
- Mathematics for the Future - New this year
- Conferences and Workshops
- Summer Schools
- Distinguished Visitors

Prior recipients of PIMS awards are required to have submitted their final reports before applying for funding.

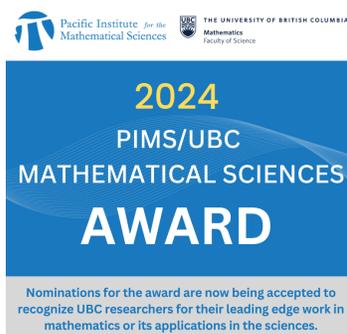
[View Submission Details](#)

Deadline Approaching: PIMS CNRS Visitor Program

Researchers and academics who are members of a CNRS lab (Unités Mixtes de Recherche) under the CNRS Mathematics banner can apply to spend a medium- or long-term period abroad at one of the International Research Laboratories (IRL) affiliated with CNRS mathematics. The present call is for dates in 2025 or covering 2025-2026. A list of destination laboratories [can be found on this page](#).

The deadline for applying is **October 15, 2024**. Applications and files should be sent to the CNRS INSMI generic address (insmi.international@cnrs.fr) with Cc to the director of the IRL



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[Nominations Closing Soon: 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 nominations, with an updated CV and publication list, and if desired, new letters of support, is **strongly encouraged**. The deadline to nominate is **October 31, 2024**.

[View Nomination Details](#)

[Nominations Closing Soon: 2025 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



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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](#)

[Applications Now Open: Summer School on Quantitative Molecular & Cellular Biology](#)

Applications are now being accepted for the [3MC-PIMS-ICMS Summer School on Quantitative molecular and cellular biology](#). Held on the Fort Garry campus of the University of Manitoba in Winnipeg from June 16th to 27th, 2025, this summer school aims to equip students with essential tools and methodologies for investigating complex molecular and cellular questions. The deadline to apply is **October 15, 2024**.

[View Event Details](#)

FEATURE EVENTS

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[Alice Lacaze-Masmonteil](#)

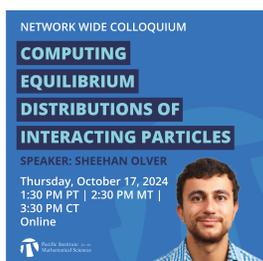
October 9, 2024: Online

9:30 AM PT | 10:30 AM MT | 11:30 AM CT

[Adapting Häggkvist-style constructions to the directed Oberwolfach problem](#)

Alice Lacaze-Masmonteil is a PIMS-CNRS postdoctoral fellow at the University of Regina under the sponsorship of Karen Meagher. She is also completing her Ph.D. at the University of Ottawa under the supervision of Mateja Šajna. Her research interests are in graph theory and cycle decomposition problems. Namely, she is interested in investigating cycle decomposition problems on directed graphs.

[See Event Details](#)



[PIMS Network Wide Colloquium: Sheehan Olver](#)

October 17, 2024: Online

1:30 PM PT | 2:30 PM MT | 3:30 PM CT

[Computing Equilibrium Distributions Of Interacting Particles](#)

Sheehan Olver is a Reader in Applied Mathematics and Mathematical Physics at Imperial College, London. His research is in numerical analysis and computational methods. Professor Olver has developed spectral methods for ordinary and partial differential equations, singular integral equations, and Riemann–Hilbert problems, with applications in integrable systems and the study of random matrices. He also developed Julia packages for numerical methods, including [ApproxFun.jl](#).

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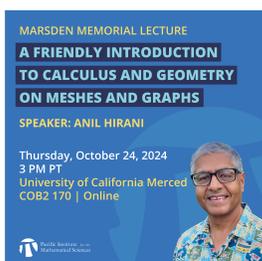
[Jeet Sampat](#)

October 23, 2024: Online

9:30 AM PT | 10:30 AM MT | 11:30 AM CT

Jeet Sampat is a PIMS postdoctoral fellow at the University of Manitoba with Robert Martin as the advisor. His research lies at the intersection of complex analysis, operator theory, and function theory. Currently, Jeet is exploring noncommutative (nc) function theory, specifically in the context of the isomorphism problem of homogeneous nc subvarieties. His Ph.D. was about understanding the behavior of cyclic functions in spaces of holomorphic functions in more than one complex variables.

[View Event Details](#)



[Marsden Memorial Lecture: Anil Hirani](#)

October 24, 2024: University of California Merced

3 PM PT

A Friendly Introduction to Calculus and Geometry on Meshes and Graphs

Anil Hirani got his Ph.D. from Caltech in Computer Science with minors in Control and Dynamical Systems and in Mathematics. He got his MS in CS from Stanford. He has worked at Sun Microsystems, SONY and Jet Propulsion Lab. He is currently a Professor of Mathematics at University of Illinois at Urbana-Champaign.

[View Event Details](#)

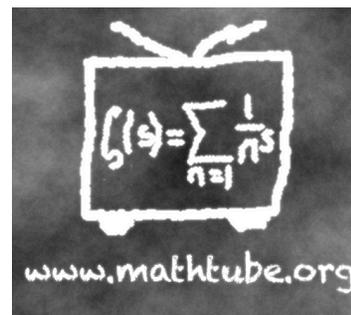
[View our calendars for more meetings and events](#)

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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.

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.

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