



Pacific Institute *for the* Mathematical Sciences

PIMS CONNECTION

MONTHLY CONNECTION | December 2018



University of
Lethbridge



HAPPY HOLIDAYS FROM PIMS

We're looking forward to wrapping up a successful year and welcoming in an exciting 2019.

IMPORTANT NOTICES:

1. **The PIMS Central Office will be closed from December 19, 2018, to January 1, 2019.**
2. **Nomination/application deadline for CNRS / PIMS Postdoctoral Fellowships is December 14, 2018.** [Click here for details.](#)
3. **CMS Winter Meeting 2018 is coming soon!** [Click here for details.](#)

2018 is drawing to a close but there are still some big events happening in December. This year's [CMS Winter Meeting](#) is in Vancouver on December 7-10, which promises to be a great 3-days of talks by speakers from around the world, and [Lucile Devin](#) gives a seminar on number theory and combinatorics for the distinguished speaker series at the University of Lethbridge on December 3.

November included some fantastic distinguished speakers, such as [Gail Wolkowicz](#), [Avrim Blum](#), and [Sami Assaf](#). It also saw SFU successfully host this year's [Combinatorial Potlatch](#), as well as the University of Washington hosting the [ABC Algebra Workshop](#) for their first time.

In other news, the PIMS Deputy Director position has been [posted](#). We look forward to receiving applications and filling this key role.

As part of the plan to improve our website, we're looking for feedback on its current features and functionality. If you're familiar with the website, please complete this short [survey](#) to help us enhance your online experience.

Wishing you all the very best for this holiday season and beyond.

Sincerely,
The PIMS Team

FEATURE EVENTS



[2018 CMS Winter Meeting](#)

December 7 - 10 at the Sheraton, Vancouver Wall Centre

The Canadian Mathematical Society (CMS) invites the mathematical community to the 2018 CMS Winter Meeting in Vancouver. Four days of awards, prize lectures, plenary speakers, and scientific sessions.



[Number Theory and Combinatorics Seminar: Lucile Devin](#)

December 3 at the University of Lethbridge

A seminar on the continuity of the limiting logarithmic distribution in Chebyshev's bias.



[Cloud Computing and Microbiome Bioinformatics](#)

December 3-4 at UBC, Okanagan Campus

This two-day workshop will be open to all faculty, students, and industry members who aim to learn about cloud computing basics and applications.

[Click below for all events | December 2018](#)

[Scientific](#)

[Educational](#)

[Industrial](#)

NEWS & ANNOUNCEMENTS



[ABC Algebra Workshop](#)

This PIMS sponsored research workshop on algebra and related topics was held at the University of Washington for the first time on **November 10, 2018**.



[Deadline Approaching: CNRS / PIMS Postdoctoral Fellowships](#)

All nomination/application packages must be mailed and received by **December 14, 2018**.



[Math Circles: Winter / Spring Dates Announced](#)

PIMS and UBC are excited to be bringing back the Math Circles Workshops for elementary school students to Monday evenings this Winter/ Spring 2019.

MEDIA



For more lectures and PIMS resources, please visit mathtube.org

PIMS COMMUNITY RECENT PUBLICATIONS

1. Adcock B., Brugiapaglia S., "[Correcting for unknown errors in sparse high-dimensional function approximation](#)" Submitted to *Numerische Mathematik*, 2018
2. Brugiapaglia, S., Adcock B., "[Robustness to unknown error in sparse regularization](#)" to appear in *IEEE Transactions on Information Theory*, 2018
3. Talpo M., "Betyrev mirror symmetry" To appear in the proceedings of the Superschool on Derived Categories and D-branes, 2017
4. Adcock B., Boyer, C., Brugiapaglia, S., "[On oracle-type local recovery guarantees in compressed sensing](#)" Submitted to *Information and Inference: a journal of the IMA*, 2018

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**. We are proponents of mathematical **collaboration with industry, innovation in mathematics education** from K-12 to graduate level initiatives, **public outreach** and **partnerships** with similar organizations around the globe. We fund Collaborative Research Groups, Post-Doctoral Fellowships, individual events, and competitive prizes in mathematics.

FOLLOW US!



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