



MONTHLY NEWSLETTER | March 2018



Hello From PIMS!

With February in the rearview, PIMS is looking forward to spring as we begin our push toward the our busy season. Last month we set to work with our partners at [Cybera](#) on a new K-12 teaching platform dubbed Project Callysto (see the details in the News & Announcements section below) as part of the Federal Government's [CanCode](#) grant so expect an official launch of the Callysto website soon!

Heading into March, we're excited to be hosting Distinguished Lectures at [UBC](#) and [UManitoba](#), [Computer Science](#) and [Statistical Seminars at SFU](#), [Math Camp 2018](#) and the [Canadian Math Kangaroo Contest](#) at URegina, and much much more.

See all that we have in store below.

Sincerely,
The PIMS Team

FEATURE EVENTS



[1st Canadian Geometry and Topology Seminar](#) March 14-16 at UofT

The hope is to establish this seminar as an annual series of informal meetings, which are national in scope and will rotate across the country. The aim is to showcase the work of Canadian researchers in geometry and topology, and to provide networking opportunities for researchers in geometry and topology.

Subscribe

Past Issues

PIMS | UManitoba Distinguished Lecture:
Troy Day



March 22 at UManitoba
The Mathematics of Social Evolution



[UBC | SFU Joint Statistic Seminar](#)
March 24 at Simon Fraser University
SFU-UBC Joint Graduate Student Workshop in Statistics



[Pacific Northwest Combinatorics Day](#)
March 31 at University of Washington
Enumerative and Algebraic Combinatorics

ALL PIMS EVENTS | March 2018

Scientific

Educational

Industrial

NEWS & ANNOUNCEMENTS



[PIMS Mathematical Education Circle: A Bridge for High School and University Math Educators](#)

PIMS Mathematical Education Circles is a monthly gathering open to all math educators interested in **enhancing their teaching practices** by sharing opinions and experiences with their peers.



[CanCode: PIMS and Cybera Launch Project Callysto for K-12](#)

Using what we learned from our work on [Jupyter](#), **Cybera** and **PIMS** are excited to be launching **project Callysto** as part of the new national [CanCode](#) program. This two-year program supports **initiatives that aid coding and digital skills development among Canadian youth**, from kindergarten to grade 12 (K-12). If you're a teacher in Canada interested in K-12 coding education, contact us to be a part of this project.



[Nominations for 2018 PIMS Education Prize Close on March 15th](#)

There is still time to get your nominations in for the **2018 PIMS Education Prize**. The winner receives **\$1000**.

MEDIA

Dr. Anna Lubiw is shown from the waist up, wearing a grey sweater with yellow dots. She is gesturing with her right hand while speaking. The background is a plain wall with a door handle.

Sorting, Permutation Groups

sorting via consecutive swaps (bubble sort)

● — ● — ● — ● — ● — ● — ●

5 7 2 3 4 6 1

pancake sort

one move

permutation group
generators = moves

Dr. Anna Lubiw | Reconfiguration of Triangulations of a Planar Point Set

Thu, Feb 15, 2018 - PIMS, University of Manitoba

PIMS-UManitoba Distinguished Lecture

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

1. Bauch J., "[Lattices over polynomial rings and applications to function fields](#)," Mathematics of Computation, submitted 2017.
2. Xu B., "[L-packets of quasisplit GSp\(2n\) and GO\(2n\)](#)," Mathematische Annalen, 2017 (online).
3. Tanabe N., Hamieh A., "[Determining Hilbert modular forms by central values of Rankin-Selberg convolutions: The weight aspect](#)" The Ramanujan Journal, published 2017
4. Dale Rolfesen, "[Ordered groups as a tensor category](#)," to appear, Pacific Journal of Mathematics, 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.

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