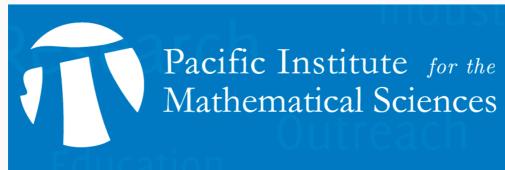
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PIMS Connection

Greetings From PIMS!

We are a month into the fall semester and PIMS has been busy across all sites with lectures, colloquiums, events, and educational programs. The <u>West Coast Optimization Meeting</u> was held at **SFU** with the help of our friends from **UWashington**. Our **ULethbridge** site kicked off their <u>Number Theory and Combinatorics Seminar Series</u> with a talk from **Peng-Jie Wong**, and **Linda Allen** of **Texas Tech University** gave a <u>Distinguished Lecture</u> at **UVictoria**. Our Education program for 2017 has begun with the return of <u>Math Circles for Elementary Students</u>, <u>Math Mania</u> events across **BC**, **Saskatchewan**, and **Manitoba**, and our very own **Dr. Melania Alvarez** is giving a <u>Distinguished Lecture</u> at <u>UManitoba</u> followed by two teacher workshops designed to help teachers become more comfortable bringing mathematics into the classroom in fun and creative ways.

Part of our mandate is to promote mathematics in industry as it is the foundation for advancements in **technology**, **economics**, **transportation**, **resource management**, **healthcare**, **sustainability** and more. This is why we are especially excited for our annual <u>PIMS-UBC Math Job Forum for Postdoctoral Fellows and Graduate Students</u> on **October 16th**. Math is everywhere; and mathematicians should be to.

Here is what's happening around the sites: October 2017

2 Oct 2017: PIMS-IAM Distinguished Colloquium: Vladimir

 $\underline{\text{Dorodnitsyn}} \text{ at the } \textbf{University of British Columbia}$

3 Oct 2017: Discrete Math Seminar: Imre Barany at the

University of British Columbia

3 Oct 2017: SCAIM: Eldad Haber at the University of British

Columbia

4 Oct 2017: Probability Seminar: Yinon Spinka at the University

of British Columbia

4 Oct 2017: Topology Seminar: Craig Westerland at the

University of British Columbia

6 Oct 2017: <u>UBC Math Department Colloquium: Craig Westerland</u> at

the University of British Columbia

10 Oct 2017: Diff. Geom, Math. Phys., PDE Seminar: Yong Liu at

the University of British Columbia

10 Oct 2017: Discrete Math Seminar: Samantha Dahlberg at the

University of British Columbia

12 Oct 2017: Vancouver Bioinformatics Users Group (VanBUG)

Seminar: Lior Pachter at the BC Cancer Research Centre,

Vancouver

14 Oct 2017: <u>UBC-SFU Joint Statistics Seminar</u> at SFU Harbour

Centre

16 Oct 2017: 2017 PIMS-UBC Math Job Forum for Postdoctoral

Fellows and Graduate Students at the University of British

Columbia

19 Oct 2017: Abelian Varieties Multi-Site Seminar Series: Khoa

 $\underline{\text{Nguyen}}$ at the University of Calgary

21 Oct 2017: $\underline{\text{Oregon Number Theory Days}}$ at the University of

Oregon

21-22 Oct 2017: Canadian Western Algebraic Geometry

Symposium at the University of Alberta

24 Oct 2017: Diff. Geom, Math. Phys., PDE Seminar: Pengfei Guan

at the University of British Columbia

26-24 Oct 2017: PIMS-UManitoba Distinguished Speaker & Teacher

PIMS Math Circles Workshops

Are Back!

The Pacific Institute for the Mathematical Sciences and UBC are excited to be bringing back the Math Circles Workshops for elementary school students. We invite students from grades 4-7 to challenge and develop their thinking, creativity and problem solving skills in this outstanding enrichment program.

PIMS 2018-2019 Postdoctoral Fellowship Competition Now Open

The Pacific Institute for the Mathematical Sciences (PIMS) invites nominations of outstanding young researchers in the mathematical sciences for Postdoctoral Fellowships for the year 2018-2019.

MEDIA



The Mathematical Legacy of Rufus Bowen - Memorial Lunch Speeches Wed, Aug 2, 2017 - Current Trends in Dynamical Systems Conference (Lectures from PIMS events available at mathtube.org)

For more lectures and resources, please visit <u>mathtube.org</u>

PUBLICATIONS

Recent Publications from the PIMS Community:

- Achter J., Altug S.A., and Gordon J., "Elliptic curves, random matrices and orbital integrals." Pacific Journal of mathematics, Vol 286, 2017
- 2. Achter J., and Howe E.W., "Split albelian surfaces over finite fields and reductions of genus-2 curves," Algebra and Number Theory, Vol. 11, 2017
- 3. Adem A., Gomez J., Lind J., and Tillman U., "Infinite loop spaces and nilpotent K-theory," Algebraic and Geometric Topology, Vol. 17, 2017

ABOUT US

The Pacific Institute for the Mathematical Sciences (PIMS) was created in 1996 by the community of mathematical scientists in Alberta and British Columbia, and subsequently extended to 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 enrich public awareness of and education in the mathematical sciences, and to create mathematical partnerships with similar organizations in other countries (with a particular focus on the Pacific Rim). PIMS funds Collaborative Research Groups, Post-Doctoral Fellowships and individual events on a competitive basis.







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