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**PIMS Connection** 



#### **Greetings From PIMS!**

August marked the end of one of the busiest seasons in the 20 year history of PIMS. We hosted our two largestever events with the <u>Summer School in Probability</u> and the <u>Current Trends in Dynamical Systems and the</u> <u>Mathematical Legacy of Rufus Bowen</u> conference which itself brought nearly 200 mathematicians, young and old (including Fields Medalist Steve Smale), representing more than 20 countries, to the <u>UBC</u> Vancouver Campus. On the industrial front, with the help of our partners at <u>Mobify</u>, we hosted the first <u>BC Data Science Workshop</u> where students were given the opportunity to work on real-world data sets and industry problems. We've got more coming this September as the Fall semester kicks off!

#### One More Bit of News:

PIMS Directer James Colliander returned from his trip to the <u>Third PRIMA Congress</u> in Oaxaca, Mexico, with the exciting announcement that **PIMS will be hosting PRIMA 2021 in Vancouver!** Mark your calendars because the entire Pacific Rim mathematics community is coming to YVR.

## Here is what's happening around the sites: September 2017 28 Aug - 1 Sept 2017: Workshop on combinatorics of group actions and its applications at St. John's, Newfoundland 11-15 Sept 2017: Study Week in Paris: Semaine d'Étude Maths-Entreprises at the Université Paris Descartes 16 Sept 2017: West coast optimization meeting at Simon Fraser University 18 Sept 2017: Mini-Course on Julia Programming at the University of British Columbia 20 Sept 2017: Topology Seminar: Jesus Gonzalez at the University of British Columbia 28 Sept 2017: PIMS-UManitoba Distinguished Lecture: Robert Serfling at the University of Manitoba

### 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.

### <u>PIMS Call For 2018 Event,</u> <u>Conference, Activities Proposals</u>

PIMS is currently welcoming applications for support of Conferences, Workshops, Summer Schools, Distinguished Visitors, Focus Periods, Collaborative Research Groups and related activities in the mathematical sciences, to occur after April 1, 2018.





Christina Goldschmidt: Scaling limits of random graphs - Lecture 1 June 6th, 2017 - PIMS-CRM Summer School in Probability 2017 (All Probability Summer School lectures available at mathtube.org)

For more lectures and resources, please visit mathtube.org

# PUBLICATIONS

Recent Publications from the PIMS Community:

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