



Greetings From PIMS!

PIMS has a lot going on in what is shaping up to be a busy June of summer schools, events and more across all PIMS sites. We are especially excited for our [14th annual Young Researchers Conference in Mathematics and Statistics](#) to be held at the University of Saskatchewan. This is the largest annual graduate event in mathematics and statistics in Western Canada and the Pacific Northwest, and it's one of the best ways in which we help to facilitate student collaborative research, and professional development. Our [CRM Summer School in Probability](#) at UBC will begin on June 5 and will overlap with our [Undergraduate Summer School: Scientific Computing on Curved Surfaces](#) at SFU running until June 23. In addition to this, we have events at [Fields Institute](#), [Ryerson University](#), [Lumsden Saskatchewan](#), and [SFU](#).

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

29 May - 23 June: [SFU Undergraduate Summer School: Scientific Computing on Curved Surfaces](#) at **Simon Fraser University**

2-5 June 2017: 2017 [Prairie Discrete Math Workshop](#) at **Lumsden, Saskatchewan**

5 June 2017: [Introduction to SageMath, a free mathematics software system](#) at **Simon Fraser University**

5-30 June 2017: [PIMS-CRM Summer School in Probability](#) at the **University of British Columbia**

5-8 June 2017: [2017 PIMS Young Researchers Conference in Mathematics and Statistics](#) at the **University of Saskatchewan**

5-9 June 2017: [PIMS Workshop on Computational Arithmetic Geometry 2017](#) at **Simon Fraser University**

11-15 June 2017: [Workshop on Numerical Methods for PDEs on Surfaces](#) in **Vancouver, BC**

12-16 June 2017: [Complex Fluids and Flows in Industry and Nature III](#) at the **University of British Columbia**

12-15 June 2017: [Canadian Discrete and Algorithmic Mathematics Meeting \(CANADAM\)](#) at **Ryerson University**

12-14 June 2017: [Conference on Means, Methods and Results in the Statistical Mechanics of Polymeric Systems II](#) at the **Fields Institute**

16 June 2017: [Frontiers in Biophysics](#) at the **University of British Columbia**

PIMS congratulates [Yaniv Plan](#), winner of the **UBC Math and PIMS Faculty Award**. As part of the award, Professor Plan is invited to give a lecture on his work later in the year. PIMS will post details on our events page and social media as they become available.

Upcoming Industrial Events:

Registration for the [2017 Graduate Math Modelling in Industry Workshop](#) in August has been extended to June 16th, 2017. Students are encouraged to sign up! Click the links below for more details and eligibility criteria

- [2017 Graduate Math Modelling in Industry Workshop](#)
- [Industrial Problem Solving Workshop](#)

Third PRIMA Congress: PIMS has begun ramping-up to the [third PRIMA Congress](#), taking place in Oaxaca Mexico. Check out the [PRIMA website](#) for the congress program, a list of speakers and more.

MEDIA



Using Physical Metaphors to Understand Networks: Daniel Spielman - Niven Lecture
May, 29th 2017 - PIMS, University of British Columbia

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., "[Elliptic curves, random matrices and orbital integrals.](#)" *Pacific Journal of mathematics*, Vol 286, 2017
2. Achter J., and Howe E.W., "[Split abelian 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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