

**Greetings From PIMS!**

The busy season continues in August as summer schools, conferences, education outreach, and industrial events are in full swing this month. On July 31st, [Steve Smale](#) became our third visiting Fields Medalist in three consecutive months with a talk that kicked off our [Current Trends in Dynamical Systems and the Mathematical Legacy of Rufus Bowen](#) conference which continues into the first week of August. On the industrial front, the [Graduate Math Modelling in Industry Workshop](#) at the University of Manitoba, the [Industrial Math Modelling Workshop](#) in Montreal, and the [BC Data Science Workshop](#) in Vancouver are days away from kick-off. PIMS Director James Colliander will be representing the institute at the [Third PRIMA Congress](#) in Oaxaca, Mexico. Never a dull moment at PIMS.

Please note: PIMS Central (UBC office) will be closed from August 21-25, 2017.

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

10 July - 4 Aug 2017: [2017 Math Summer School for Elementary School Teachers](#) at the **Britannia Community Centre**

30 July - 4 Aug 2017: [Current Trends in Dynamical Systems and the Mathematical Legacy of Rufus Bowen](#) at the **University of British Columbia**

31 July - 2 Aug 2017: [International Conference on Preconditioning Techniques for Scientific and Industrial Applications](#) at the **University of British Columbia**

31 July - 5 Aug 2017: [Graduate Mathematical Modelling in Industry Workshop](#) at the **University of Manitoba**

5 Aug 2017: [International Collaborative Meeting on Dynamical Systems](#) at the **University of British Columbia**

6 - 12 Aug 2017: [Collaboration on Lifting and Enabling](#) at the **University of Calgary**

12 - 14 Aug 2017: [Summer School on Differential Equations and Nonlinear Analysis](#) at the **University of Alberta**

14 - 18 Aug 2017: [Third PRIMA Congress](#) in **Oaxaca Mexico**

14 - 18 Aug 2017: [Women in Numbers](#) at **Banff, Alberta**

15 - 19 Aug 2017: [XI Americas Conference on Differential Equations and Nonlinear Analysis](#) at the **University of Alberta**

21 - 25 Aug 2017: [Lie Theory, Cohomology, and Geometry in Wildrose Country](#) at the **University of Alberta**

21 - 25 Aug 2017: **PIMS Central (UBC Office) Closed**

28 Aug - 1 Sept 2017: [Workshop on combinatorics of group actions and its applications](#) at **St. John's, Newfoundland**

[Canadians Land on Jupyter](#)

Director James Colliander discusses how the **PIMS Innovation Platform** is working to democratize access to in-demand mathematical expertise through a state-of-the-art computing environment that supports research, teaching, and training activities.

[Fields Medalist Martin Hairer Sits Down With PIMS](#)

PIMS chats with **Fields Medalist Martin Hairer** on Probability, finding the time for research, advice for aspiring mathematicians and more.

Upcoming Industrial Events:

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

MEDIA



Fields Medalist Martin Hairer's Mini Course: **a BPHZ theorem for stochastic PDEs**
June 13th, 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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