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Greetings from PIMS!

Our 20th anniversary celebrations continue this April with three anniversary events around our sites. At the **University of Calgary**, <u>Xavier Cabre</u> from ICREA will be giving a lecture on Nonlinear Elliptic Equations with Fractional Diffusion. The **University of Manitoba** celebration will focus on Forging Mathematics Education Connections Across the K-13 Spectrum with a keynote speech presented by <u>John Mighton</u>. <u>Ram Murty</u> will be leading the celebration at the **University of Regina**, giving a lecture on Twin Primes.

Take a look at what's happening around the sites: April 2017
5 April 2017 - BC Data Colloquium: Richard Lockart at the University of British Columbia
6 April 17 - PIMS-UBC Statistics Constance van Eeden Lecture Series: Jeffrey Rosenthal at the University of British Columbia
7 April 2017 - PIMS 20th Anniversary Celebration at the University of Calgary at the University of Calgary
12 April 2017 - PIMS 20th Anniversary Distinguished Lecture at the University of Regina
29 April 2017 - PIMS 20th Anniversary Celebration at the University of Manitoba at the University of Manitoba

PIMS Sponsors the 2017 ProtoChallenge at the WISE event in Calgary

ProtoChallenge is a 24 hour event where groups of students pitch ideas to help the community and build a prototype to gain skills, find potential employers, and win over \$1000 in prizes.

Registration for <u>ELMACON</u> is now open. Registration deadline: **April 7th**

MEDIA



Managing Patients with Chronic Conditions: Mariel Lavieri - PIMS Lunchbox Lecture

February 23rd 2017 - University of Calgary, Downtown Campus

For more lectures and resources, please visit mathtube.org

PUBLICATIONS

Recent Publications from the PIMS Community:

- 1. Achter J. and Howe E.W., "<u>Split abelian surfaces over finite fields and reductions of genus-2</u> <u>curves</u>," *Algebra and Number Theory*, Vol. 11, 2017
- 2. Balakrishnan J., Besser A., and Müller J.S., <u>"Computing integral points on hyperelliptic curves</u> <u>using quadratic Chabauty,</u>" *Mathematics of Computation*, Vol. 86, 2017
- Creutzig T., Milas A., and Wood S., <u>"On Regularised Quantum Dimensions of the Singlet Vertex</u> <u>Operator Algebra and False Theta Functions,"</u> *International Mathematics Research Notices*, Vol. 2017, 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.



Mailing address: Pacific Institute for the Mathematical Sciences The University of British Columbia 4176-2207 Main Mall Vancouver, BC V6T 1Z4 Canada

Web: www.pims.math.ca | Twitter: @pimsmath | Facebook: www.facebook.com/pimsmath | Mathtube.org

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