PIMS Connection

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Pacific Institute *for the* Mathematical Sciences
PIMS Connection

Greetings from PIMS!

This May, PIMS is excited to welcome the Director of the Institut Henri Poincaré and 2010 Fields Medal Winner, Cédric Villani. In collaboration with the Peter Wall Institute for Advanced Studies, PIMS will be hosting Professor Villani, who will be visiting from May 2nd to May 5th. Professor Villani will be giving a lecture on The Hidden Beauty of Mathematics at the Wall Exchange, and then again at a PIMS Math Seminar and a PIMS Distinguished Colloquium. With ample opportunities to catch this lecture, it is definitely not one to miss!

Take a look at what's happening around the sites: May 2017

1 May 2017 - UW-PIMS Colloquium: Cédric Villani at the **University of Washington**

2-5 May 2017 - PIMS and the Peter Wall Institute for Advanced Studies Welcome Cédric Villani at the **University of British Columbia**

4-5 May 2017 Ewan University- Alberta Mathematics Dialogue at **MacEwan University**

6 May 2017 - ELMACON 2017 at the **University of British Columbia**

10 May 2017 - PIMS Education Public Lecture: John Mason at the **University of British Columbia**

23-25 May 2017 - Canadian Abstract Harmonic Symposium at the **University of Manitoba**

25-28 May 2017 - Graduate Summit in Mathematical Biology and Applied PDE in **Jasper, Alberta**

29 May-23 June 2017 - PIMS-SFU Undergraduate Summer School at the **University of Manitoba**

PIMS announces that Anna Stokke **has been selected as the winner of the 2017 PIMS Education Prize**. "Professor Stokke's promotion and advocacy for improvements in math education have inspired meaningful discussion and change surrounding the way math is taught." said James Colliander, Director of PIMS.

Upcoming Industrial Events: Registration is now open for the following industrial events. Please click the links below for more details and eligibility criteria

- 2017 Graduate Math Modelling in Industry Workshop
- Industrial Problem Solving Workshop

MEDIA

Automorphism Groups in Albegraic Geometry: Michael Brion - PIMS/UBC Distinguished Colloquium
March 10th 2017 - PIMS, University of British Columbia

For more lectures and resources, please visit mathtube.org

PUBLICATIONS

Recent Publications from the PIMS Community:

1. Adem A., Gomez J., Lind J., and Tillman U., "Infinite loop spaces and nilpotent Ktheory," *Algebraic and Geometric Topology*, Vol. 17, 2017
2. Antieau B., and Williams B., "Prime decomposition for the index of a Brauer class," *Annali Della Scuola Normale Superiore di Pisa Classe di Scienze*, Vol. 17, 2017
3. Masuoka A., and Shibata T., "Algebraic supergroups and Harish-Chandra pairs over a commutative ring," *Transactions of the American Mathematical Society*, Vol. 369, 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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