



Pacific Institute *for the* Mathematical Sciences

PIMS CONNECTION

MONTHLY NEWSLETTER | August 2018



Greetings from PIMS

PIMS is closing out summer with a bang. We've got **summer schools, workshops, public lectures** and more going on across the sites and beyond this August.

The [PIMS Summer School and Workshop on the Mathematical Foundations of Data Science](#) (part of our newest [CRG on High Dimensional Analysis](#)) is under way at UBC. A [Geometry and Physics of Gauge Theories of Infinity](#) workshop starts this August long weekend at the Elk Ridge Resort in Saskatchewan. [GRASCan 2018](#) runs August 6 & 7 at the University of Regina and the [2018 IPSW](#) at the University of Calgary runs August 19-24.

IMPORTANT NOTICES: Early registration for ends July 13.

1. Application Deadline for [PIMS Workshop on Stochastic and Deterministic Modelling in Biology](#) in Jasper, Alberta is August 17.

2. Registration Deadline for the [2018 IPSW](#) at the University of Calgary is August 7 (register before 4pm Tuesday)

Check out all this and more below!

Sincerely,
The PIMS Team

FEATURE EVENTS



[Diversity in Mathematics](#)

August 7-17 at University of British Columbia

Diversity in Mathematics is part of a multi-year, multi-level program geared towards promoting diversity and inclusivity in STEM. This event will include a **public lecture from Ami Radunskaya: [Using Mathematics to Fight Cancer](#)**



[2018 Industrial Problem Solving Workshop \(IPSW\)](#)

August 19-24 at University of Calgary

The goal of the IPSW is to connect industries with faculty, postdoctoral fellows and graduate students with expertise in industrial case-studies.



[UBC JupyterDay 2018](#)

August 16 at University of British Columbia

The event takes place in the newly renovated Undergraduate Mathematics Computer Lab (LSK 121) designed for collaborative teaching and learning of computation and data science.



[PIMS Workshop on Stochastic and Deterministic Modelling in Biology](#)

August 20-23 at Jasper

*In this workshop, leading experts in stochastic and deterministic modelling will give tutorial lectures to an audience of postdocs and senior PhD students. **REGISTRATION CLOSES AUGUST 7***

Click below for all events | August 2018

Scientific

Educational

Industrial

NEWS & ANNOUNCEMENTS



[Using Mathematics to Fight Cancer](#)

PIMS is excited to present **Dr Ami Radunskaya** from Pomona College, in a talk about where Mathematics meets Medicine on the front lines of cancer research.



[2018 IPSW Registration Closes August 7](#)

There is still time to register for the last IPSW of the summer!



[PIMS Announces PIMS-Europe Fellowship Program](#)

PIMS-Europe (CNRS UMI #3069) is announcing a new program, the **PIMS-Europe Fellowships**, with the goal of developing and supporting research collaborations between mathematical scientists at PIMS member universities and researchers across France.

MEDIA



[Bernard Chan, Soyeon Kim, Michael Reid, Parin Shah, Aanchan Mohan | BCDATA 2018 Career Panel](#)

Wednesday, June 6, 2018 - KPMG Vancouver
BCDATA 2018

For more lectures and PIMS resources, please visit mathtube.org

PIMS COMMUNITY RECENT PUBLICATIONS

1. Tran Ha and Peng Tian. "[The size function for cyclic cubic fields](#)," International Journal of Number Theory, Vol 14, 399, 2018.
2. Rayan S., "[Twisted argyle quivers and Higgs bundles](#)," Bulletin des Sciences Mathématiques, Vol. 146, 2018.
3. Scully, S., "[The Artin-Springer theorem for quadratic forms over semi-local rings with finite residue fields](#)," Proceedings of the American Mathematical Society, 146, 2018
4. Kulkarni A., Maxedon G., and Yeats K., "[Some results on an algebro-geometric condition on graphs](#)," Journal of the Australian Mathematical Society, Vol. 104, 2018

ABOUT PIMS

The Pacific Institute for the Mathematical Sciences (PIMS) was created in 1996 to promote **discovery, understanding and awareness** in the mathematical sciences. PIMS has expanded from the mathematics community of **Alberta and British Columbia** to include **Washington State, Saskatchewan and Manitoba**. We are proponents of mathematical **collaboration with industry, innovation in mathematics education** from K-12 to graduate level initiatives, **public outreach and partnerships** with similar organizations around the globe. We fund Collaborative Research Groups, Post-Doctoral Fellowships, individual events, and competitive prizes in mathematics.

FOLLOW US!



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