Emergent Research:
The PIMS Postdoctoral Fellow Seminar

December 6, 2023 | 9:30am Pacific

Pacific Institute *for the* Mathematical Sciences

Mixing times and

representation theory

ABSTRACT:
Consider a poker game where you have to mix the deck of cards between two turns. How (many times) should you shuffle it to prevent any cheating?
In this talk we will introduce the theory of mixing times, and explain how representation theory can be used to study card mixing and diffusions on other objects.

Lucas Teyssier
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SPEAKER BIO:
Lucas Teyssier is a PIMS-CNRS-Simons Postdoctoral researcher at the University of British Columbia under the sponsorship of Prof. Jonathan Hermon. He completed his PhD at the Universität Wien, Vienna, under the supervision of Prof. Nathanaël Berestycki. While in Vienna, Teyssier and Berestycki worked with Hermon to prove a significant result about the universality of fluctuations of the cover time on vertex-transitive graphs. The three continue to collaborate in this area.

For more information and registration:
https://www.pims.math.ca/seminars/PIMSPDF

ABOUT PIMS PDF SEMINARS:
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