MATH 705, Seminar in Probability (39948R), Spring 2019.
Class meetings: F 11am-1pm, in KAP 245.

Information on this and linked pages changes frequently.

Organizer: Sergey Lototsky.
Office: KAP 248D.
Phone: (213) 740-2389.

Office Hours: MWF 10-11am
Walk-ins and appointments at other time are welcome.

The objective this semester: To discuss current research projects and future plans of participating students.

Participating students: Lernik Asserian, Ujan Gangopadhyay, Keenan Hawekotte, John Rahmani,

What we did

Friday, January 11: Introduction and general discussion.

Friday, January 18: Presentation by John about the commuter chain on the finite Heisenberg group.

Friday, January 25: Presentation by Keenan about a mathematical model of the body's metabolism of alcohol.

Friday, February 1 and Friday, February 8: duscussions of Keenan's on-going project related to the development of a wearable device to monitor blood alcohol content.

Friday, February 15, Friday, February 22, and Friday, March 1: Discussion of John's pre-print about the commuter chain on the finite Heisenberg group.

Friday, March 8: Ujan's presentation about first-passage percolation.

Friday, March 15: Spring Break.

Friday, March 22: John's presentation about representation of finite groups and applications to the study of mixing times for finite state Markov sequences.

Friday, March 29: Ujan's presentation about random graphs.

Friday, April 5: Lernik's presentation about polynomial chaos method.

Friday, April 12: Lernik's presentation about logistic regression.

Friday, April 19: A problem-solving session.