

The SUMO Speaker Series for Undergraduates

(Pizza provided)

Wednesday, September 29th
4:30-5:20, room 380C

How many times should you shuffle a deck of cards

Olena Bormashenko



ABSTRACT:

This talk will be about the exciting work of Persi Diaconis on the mathematics of shuffling cards. I'll explain what it means to thoroughly shuffle a deck of cards, and present a mathematical model of the standard riffle shuffle. Then I'll discuss how to find the right number of shuffles to properly mix up a deck. You will finally learn why 5 shuffles just isn't enough!

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