

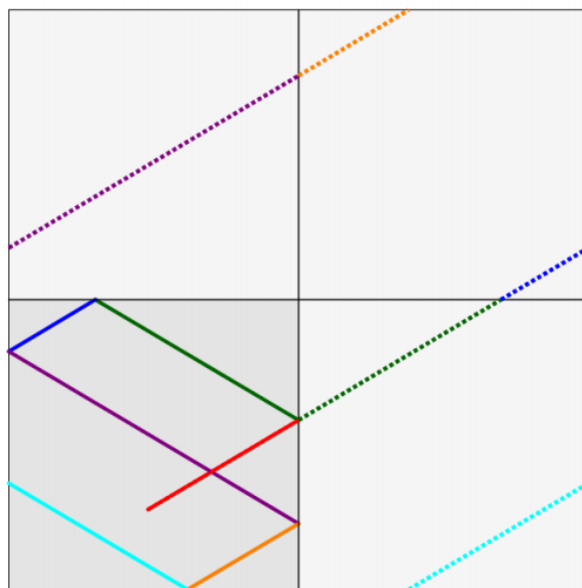
The SUMO Speaker Series for Undergraduates

Tuesday, April 18th

5:30 – 6:20PM, Ricker Dining Green Room (238 Santa Teresa St.)

Please feel free to bring in dinner from Ricker Dining before the talk.

From Rational Billiards to Dynamics on Moduli Spaces



Alex Wright

Abstract

Come hear about one of the things for which Stanford's very own Maryam Mirzakhani won the Fields Medal in 2014! You will learn how to "unfold" a rational polygon to get a surface, and how studying the space of all such surfaces leads to new results about how a ball bounces around in the polygon. Other applications will feature laser wielding assassins and infinite forests.

<http://sumo.stanford.edu/speakers.html>