

Statistics Seminar
Department of Mathematical Sciences

DATE:	Thursday, September 29, 2016
TIME:	1:15p-2:40p
LOCATION:	WH 100E
SPEAKER:	Yinsong Chen, Binghamton University
TITLE:	Analysis of Casino Shelf Shuffling Machines

Abstract

Many casinos routinely use mechanical card shuffling machines. We were asked to evaluate a new product, a shelf shuffler. This leads to new probability, new combinatorics and to some practical advice which was adopted by the manufacturer. The interplay between theory, computing, and real-world application is developed.

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