# COLLOQUIUM

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## Interlacings and the Interchange Process On Weighted Graphs

Tuesday, November 17, 2009
A405 Wells Hall
10:20 a.m. - 11:10 a.m.
Refreshments: 10:00 a.m.

### Abstract

A central question in the theory of card shuffling is how quickly a deck of cards becomes 'well-shuffled' given a shuffling rule. In this talk, I will discuss a probabilistic card shuffling model known as the 'interchange process'. A 1992 conjecture by Aldous and Diaconis about this model has recently been resolved (see http://www.stat.berkeley.edu/ aldous/Research/OP/sgap.html and I will discuss how my work has been involved with this.

*To request an interpretor or other accompdations for people with disabilities, please call the Department of Statistics and Probability at 517-355-9589.*