Title:
Brownian Motion and the Counterintuitive Aspects of Arcsine Law

Abstract:
For what fraction of time is a gambler in a fair game ahead? Intuitively, one may think that this happens for half of the time. This is not so, in this talk we use Brownian Motion to show that the fraction of time the gambler is ahead actually follows an arcsine law.
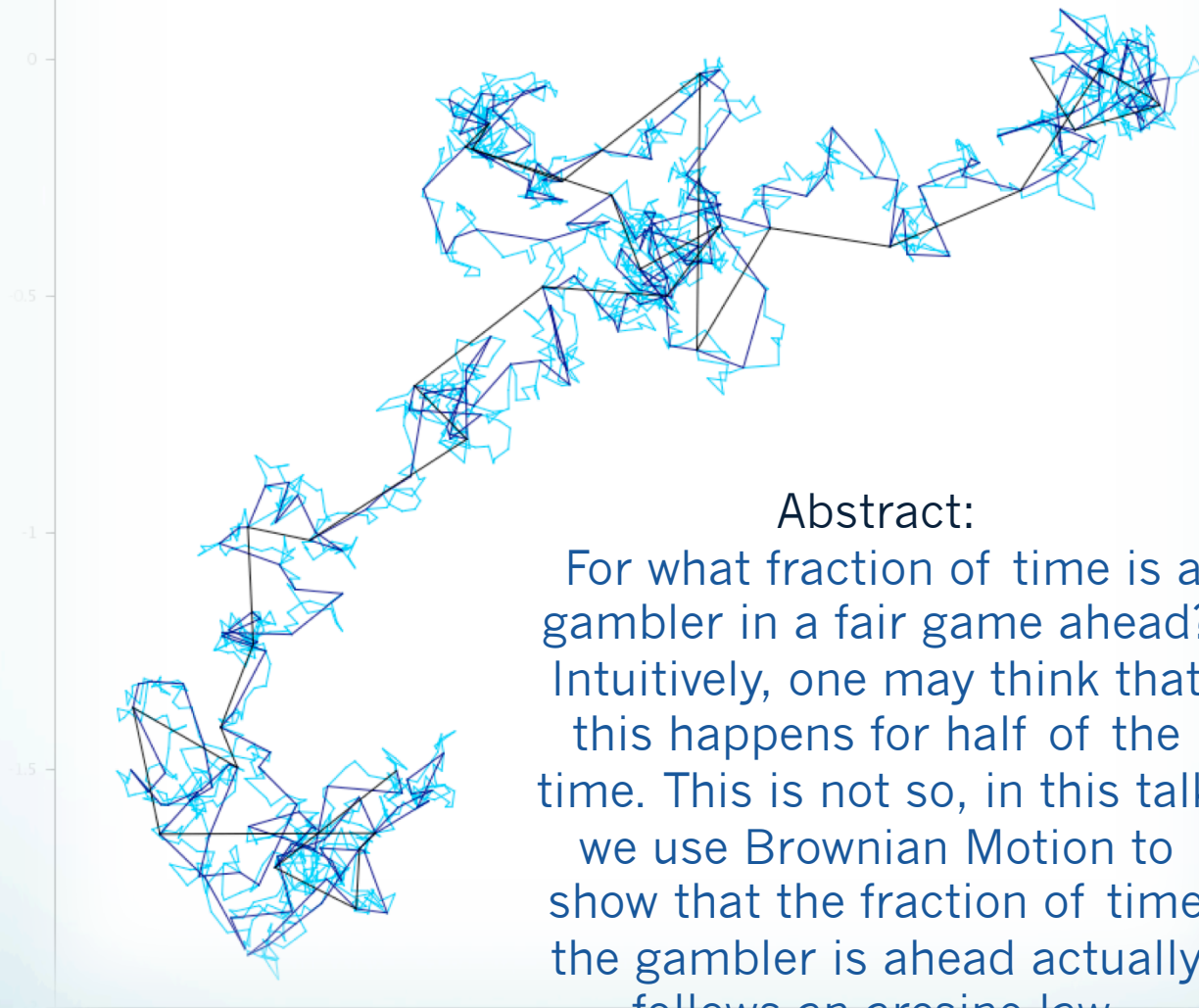
Presented by:
Jennifer Holmes
Wednesday, May 5, 2010
1:15pm-2:15pm ENG 239