

MICHIGAN STATE UNIVERSITY
Department of Statistics and Probability

James Kinney Memorial Lecture

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The Search for Randomness

Thursday, August 29, 2013
10:20 AM - 11:10 AM
Refreshments 10:00 AM
1400 Biomedical and Physical Sciences Building

Abstract

I will take a careful look at some of our most primitive images of random phenomena: flipping a coin, spinning a roulette wheel, and shuffling cards. For each, there is a well-developed mathematical theory BUT comparison with the real thing shows that we are lazy and often the usual laws of probability break down. This has implications for both the casino and for routine mathematical modeling (big models and big data).

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