Stanford Department of Mathematics
SUMO Speaker Series

Tuesday, January 24th
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.

Primes fall for the gambler's fallacy

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Abstract

The gambler's fallacy is the erroneous belief that if (for example) a coin comes up heads often, then in the next toss it is more likely to be tails. In recent work with Robert Lemke Oliver, we found that funnily the primes exhibit a kind of gambler's fallacy: for example, consecutive primes do not like to have the same last digit. I'll show some of the data on this, and explain what we think is going on.

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