

BI-CO MATHEMATICS
COLLOQUIUM

Jayadev Athreya
Princeton University

*“Billiards, ergodic theory,
and number theory”*

Monday, February 25, 2008

Tea at 4:00 p.m. – Math Lounge, KINSC H208

Talk at 4:15 p.m. – KINSC Hilles 109

Abstract: By studying the properties of a billiard ball bouncing around a square table, we will be led to the ergodic theory of flows on surfaces, the Gauss circle problem for counting lattice points, and the study of continued fractions.

HAVERFORD COLLEGE