

abstract

IAS/PRINCETON NUMBER THEORY SEMINAR

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

In this talk, I'd like to describe my recent work with P.Sarnak concerning the equidistribution properties for Hecke eigenforms on the modular surface. We evaluate asymptotically the variance for the equidistribution by means of the trace formula and analyze its subtle arithmetic structure and connections to Hecke operators and central values of triple product L-functions.