

BOSTON UNIVERSITY NUMBER THEORY SEMINAR

Distribution of the Hecke eigenvalues for $GL(2)$

Liubomir Chiriac
UMass Amherst

Monday, April 2 at 4:15 pm
111 Cummington Mall, MCS B21
Tea and cookies in MCS 144 at 4:00 pm

Abstract: In this talk I will present several statistical properties of the Hecke eigenvalues of cuspidal automorphic representations of $GL(2)$ over number fields. In addition to outlining the main ideas for classical modular forms, I will also discuss some Sato-Tate type applications for Maass forms, based on joint work with Andrei Jorza.