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Number Theory Seminar

Equidistribution, Subconvexity, and Nonvanishing of Hecke L-series

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ABSTRACT: An emerging theme in number theory is that of combining period relations, equidistribution, and subconvexity bounds to prove nonvanishing theorems for central values of automorphic L-functions. In this talk I will explain how this general philosophy can be used to prove a quantitative nonvanishing theorem for central values of L-series associated to certain "canonical" Hecke characters.

Date: Friday, 08.12.2006 at 14.15pm

Place: HWZ (HG G43)

G. Wüstholz