



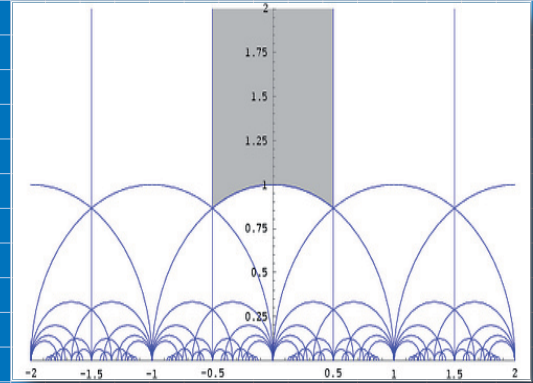
**Berlin
Mathematical
School**

BMS Fridays Colloquium

Friday, 14 November 2008, 2:00 pm

Tea before the lecture starts at 1 pm

BMS Loft, Urania
An der Urania 17, 10787 Berlin



Michael Rapoport (Bonn):

"On the zeta function of Shimura varieties"

A fundamental problem in Arithmetic Algebraic Geometry is the determination of the zeta functions of moduli spaces of abelian varieties, or more generally of Shimura varieties. Ultimately this comes down to the problem of counting the points in the reduction modulo p of these varieties.

Michael Rapoport will describe, on the example of the moduli space of elliptic curves, the approach of Langlands and Kottwitz to this problem, and indicate recent developments.

