

Lie Group and Representation Theory Seminar Kyoto 2007

Date: February 6 (Tue), 2007, 16:30–17:30

Place: RIMS, Kyoto University : Room 402

Speaker: Yiannis Sakellaridis (Tel Aviv)

Title: On the spectrum of spherical varieties over p -adic fields

Abstract: Spherical varieties are a very important class of spaces which includes all symmetric varieties. Over a p -adic field, their representation theory seems to admit some description through a "Langlands dual" group. I will discuss results on the unramified component of their spectrum which point to this direction. If time permits, I will show how this theory can be used to obtain a completely general Casselman-Shalika formula for eigenfunctions of the Hecke algebra on an arbitrary spherical variety.

Organizer: T. Kobayashi <http://www.kurims.kyoto-u.ac.jp/~toshi/>