NUMBER THEORY SEMINAR
Tuesday, June 1, 4.00 - 5.00 pm, MS 6627

Michael Harris

June 1, 2004

TITLE: Congruences of endoscopic and stable forms and applications to p-adic L-functions

ABSTRACT: This is a report on joint work with J.-S. Li and C. Skinner. Inspired by ideas of Hida, we construct p-adic L-functions of holomorphic automorphic forms on Shimura varieties attached to unitary groups and show, using a p-adic variant of the Rallis inner product formula, that in certain cases they divide the characteristic ideals of Selmer groups.