1030-22-207   **Clifton Cunningham*** (`cunning@math.ucalgary.ca`), Department of Mathematics and Statistics, University of Calgary, 2500 University Drive Northwest, Calgary, Alberta T2N 1N4, Canada. *Motivic parameterization of good orbital integrals.*

In this talk we use all elliptic endoscopic groups for classical groups to find relative schemes which parameterize good orbital integrals as distributions on certain subspaces of the Hecke algebra, in a field-independent manner. This result builds on earlier work with T. Hales (Good Orbital Integrals, Represent. Theory 8 (2004), 414-457) and is used in current work with J. Gordon and L. Spice. (Received August 03, 2007)