

Meeting: 1001, Evanston, Illinois, SS 20A, Special Session on Representation Theory of Reductive Groups

1001-22-168 **A. Raghuram*** (araghura@math.uiowa.edu), Department of Mathematics, University of Iowa,
14 MacLean Hall, Iowa City, IA 52242-1419. *Representations of p -adic $GL_2(D)$* . Preliminary
report.

For a p -adic division algebra D , in this talk, we describe the restriction of an irreducible representation of $GL_2(D)$ to the diagonal subgroup $D^* \times D^*$. We will also explain some consequences of this description concerning distinguishedness and existence of Shalika models for these representations. (Received August 24, 2004)