SPEAKER: Kwangho Choiy (Purdue University)

TITLE: A transfer of Plancherel Measures via inner forms

ABSTRACT: Let G be a connected reductive group over a p-adic field F of characteristic 0, G^* its inner quasi-split form, M a F-Levi subgroup of G, and M^* its corresponding F-Levi subgroup of G^*. In this talk, I will discuss a certain identity on Plancherel measures for two corresponding discrete series representations of $M(F)$ and $M^*(F)$. One of my strategies is to use a local-global argument, and the other is a combination of character relation, Shalika germ expansion and Plancherel formula. This is part of my work on a transfer of Plancherel measures via endoscopic transfer, in particular, inner forms. It is conjectured that Plancherel measures are preserved by inner forms.