

Speaker: Gautam Chinta

Title: Orthogonal periods of a $GL(3)$ Eisenstein series

Abstract:

We will show an identity between an orthogonal period of a minimal parabolic Eisenstein series on $GL(3)$ and the Whittaker coefficients of an Eisenstein series on the metaplectic double cover of $GL(3)$, thereby providing evidence in favor of a conjecture of Jacquet. The main tool used in the proof is Gauss's three squares theorem. This is joint work with O. Offen.