SPEAKER: Sheng-Chi Liu (Texas A&M University)

TITLE: The L^2 restriction norm of a Maass form on $SL(n+1)$ and L-functions

ABSTRACT: I will discuss the L^2 restriction norm of a Maass form on $SL(n+1)$ restricted to $SL(n)$. Using spectral theory on $GL(n)$ and the Rankin-Selberg theory, we are led naturally to a family of $GL(n+1) \times GL(n)$ L-functions. We give upper and lower bounds for the restriction norm under certain assumptions, e.g. the Lindelof hypothesis, the local Weyl law, etc. This is joint work with Xiaoqing Li and Matt Young.