

SPEAKER: Jeffery Breeding (Saint Louis University)

TITLE: Siegel cusp forms of degree two and dimension formulas

ABSTRACT: We will look at results for dimension formulas for Siegel cusp forms of degree 2, weight $k > 3$ over the full modular group, paramodular groups, $\Gamma_0(p)$, and $\Gamma(p)$. Using these formulas, we attempt to describe some cusp forms in terms of local components of automorphic representations.