

Speaker: Naser Sardari

Title: Vanishing Fourier Coefficients of Hecke Eigenforms

Abstract: We prove that, for fixed level $(N, p) = 1$ and prime $p > 2$, there are only finitely many Hecke eigenforms f of level $\Gamma_1(N)$ and even weight with $a_p(f) = 0$ (p -th Fourier coefficient) which are not CM. This is joint work with Frank Calegari.