ON THE COEFFICIENTS OF TRIPLE PRODUCT L-FUNCTIONS

Ayyadurai Sankaranarayanan   (Tata Institute of Fundamental Research, Mumbai)

ABSTRACT: In this talk, we investigate the average behavior of the coefficients of the triple product L-function $L(f \otimes f \otimes f, s)$ attached to a primitive holomorphic cusp form $f(z)$ of weight k for the full modular group $SL(2, \mathbb{Z})$. Here we call $f(z)$ a primitive cusp form if it is an eigenfunction of all Hecke operators simultaneously. This is a joint-work with Guangshi Lü.

NTW 2017