



## Theoretical Statistics and Mathematics Unit

### Seminar

Date: January 25, 2017

Time: 04:15 PM

Venue: L-Infinity, Stat-Math Unit (5th Floor, A.N. Kolmogorov Bhavan)

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Non-vanishing and sign changes of Hecke eigenvalues for Siegel cusp forms of genus two

#### Abstract

In this talk we show that half of non-zero Hecke eigenvalues for a Siegel cusp form of genus two are positive and half are negative. We also prove results concerning the non-vanishing in short intervals and strong cancellation among the eigenvalues evaluated at powers of a fixed prime.

All are cordially invited

