Séminaire de théorie des nombres

Le 14 novembre 2022 à 14h (PRG)

On bounds of Fourier coefficients of cusp forms

Exposé de Sanoli Gun
(The Institute of Mathematical Sciences, Chennai)

Résumé : After a review of the known results, we will report on a work with Kohnen and Soundararajan about lower bound of Fourier coefficients of half integral weight cusp forms at fundamental discriminants. If time permits, we will also discuss a recent work on non-Archimedean analogue of a question of Atkin and Serre.