
THE WEIZMANN INSTITUTE OF SCIENCE
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE
Algebraic Geometry and Representation Theory Seminar

on Wednesday, Nov 16, 2022 at 17:00

Zoom only lecture <https://weizmann.zoom.us/j/98304397425>
Subhjit Jana Queen Mary, London

Local L^2 -bounds of Eisenstein series and application

Abstract:

We will discuss recent works on estimating the local L^2 -bounds of the Eisenstein series on general reductive groups. We will also show how our estimates for $GL(n)$ may be used to prove the "optimal Diophantine exponent" and certain counting results conjectured by Sarnak and Sarnak--Xue for $SL(n)$. There are joint works with Amitay Kamber.