



THE WEIZMANN INSTITUTE OF SCIENCE
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

Algebraic Geometry and Representation Theory Seminar

on Wednesday, Oct 28, 2020
at 16:30

<https://weizmann.zoom.us/j/98304397425>

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Bessel-Fourier coefficients and Twisted Automorphic Descent

Abstract:

In this talk, we will discuss the theory of twisted automorphic descents, which is an extension of the automorphic descent of Ginzburg-Rallis-Soudry.

The main goal is to construct cuspidate automorphic modules in the generic global Arthur packets by using Bessel-Fourier coefficients of automorphic representations.

Moreover, we will discuss some applications and problems related Bessel-Fourier coefficients.

This is a joint work with Dihua Jiang.

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