



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

on Wednesday, May 20, 2020
at 16:30

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

Raphael Beuzart-Plessis
Marseille

Isolation of the cuspidal spectrum and application to the Gan-Gross-Prasad
conjecture for unitary groups.

Abstract:

In this talk, I will explain a new way to construct smooth convolution operators on adelic groups that isolate (certain) cuspidal representations from the rest of the automorphic spectrum. Then, I will explain an application of this construction to the global Gan-Gross-Prasad conjecture for unitary groups.

This is joint work with Yifeng Liu, Wei Zhang and Xinwen Zhu.

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