THE WEIZMANN INSTITUTE OF SCIENCE
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

Algebraic Geometry and Representation Theory Seminar

Room 1, Ziskind Building
on Wednesday, Jun 29, 2016
at 11:15

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The singular transfer for the Jacquet-Rallis trace formula

Abstract:
The Jacquet-Rallis relative trace formula was introduced as a tool towards solving the global
conjectures of Gan-Gross-Prasad for unitary groups. I will present some recent progress in developing
the full formula.
I will show how to extend the transfer of regular orbital integrals to singular geometric terms using a
mix of local and global methods.
(Joint with Pierre-Henri Chaudouard)