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)