

Speaker: Cheng Chen

Title: Local Gross-Prasad conjecture over archimedean local fields

Abstract: The local Gross-Prasad conjecture for tempered parameters over nonarchimedean local fields were proved by Waldspurger using trace formula and twisted formula. I will present my joint work with Zhilin Luo on the epsilon dichotomy part of the conjecture over Archimedean local fields using a similar approach based on Luo's work on the multiplicity part of the conjecture. Our approach do not need to use the twisted trace formula but only works over Archimedean local fields.