

SPEAKER: Danielle Wang (MIT)

TITLE: Twisted GGP conjecture in the unramified case

ABSTRACT: The twisted Gan–Gross–Prasad conjecture concerns the restriction of representations of GL_n to a unitary group. In this talk, I will explain the relative trace formula approach to the global twisted GGP conjecture. In particular, I will discuss how the fundamental lemma that arises can be reduced to the Jacquet–Rallis fundamental lemma, which allows us to prove the global twisted GGP conjecture in the unramified case under some local conditions.