

1165-11-31

Raphael Beuzart-Plessis and **Chen Wan***, chen.wan@rutgers.edu. *The multiplicity for unitary Shalika model.*

In this talk, I will discuss the local multiplicity for the unitary Shalika model. By proving a local trace formula for the unitary Shalika model and a twisted local trace formula for the Shalika model, we are able to explicitly compute the multiplicity of the unitary Shalika model for all the discrete series. This is a joint work with R. Beuzart-Plessis. (Received January 08, 2021)