



SCMS Colloquium

ISOLATION OF CUSPIDAL SPECTRUM IN TRACE FORMULA

Speaker: Yifeng Liu

IASM, Zhejiang University

Time: Thu, Jan 13th, 10:00-11:00

Venue: Gu Lecture Hall, SCMS



Abstract: In this talk, we first review the trace formula approach to the study of modular forms or more generally automorphic forms. Then we introduce our recent result on the isolation of cuspidal spectrum on the spectral side of the trace formula. We will also mention its application to the global Gan-Gross-Prasad conjecture. This is a joint work with Beuzart-Plessis, Wei Zhang and Xinwen Zhu.

