

**PERIOD RELATIONS FOR RANKIN-SELBERG
CONVOLUTIONS**

Speaker: Dongwen Liu
Zhejiang University

Time: Tue, Nov. 16, 15:00-16:00

Venue: Tencent meeting:644 734 417 Password:211104

Abstract: In this talk we explain the proof of the period relations for critical values of Rankin-Selberg L-functions, for the case of $GL(n) \times GL(n-1)$. The main novelty is a proof of archimedean period relations, which is based on an explicit comparison between Rankin-Selberg integrals and the integrals over the open orbit of certain spherical variety. It is a recent joint work with Jian-Shu Li and Binyong Sun.