Periods of Automorphic forms and Application to L-functions

Organized by B. H. Gross, A. Venkatesh, and S.-W. Zhang

September 15–18 at Columbia University

September 15	Faculty House, Presidential Room
	Breakfast at 9AM and tea at 11AM and 3:30PM
10:00-11:00	Benedict Gross, Harvard and Columbia
	Introduction to the local conjecture of Gan-Gross-Prasad
	in the orthogonal and unitary cases
11:30-12:30	Raphaël Beuzart, ENS, Paris
	Some integrals formulas related to
	the local Gross-Prasad conjectures
2:30-3:30	Dihua Jiang, University of Minnesota
	On the global Gross-Prasad conjecture

Sepember 16   Math Building, Room 312
Breakfast at 9AM and tea at 11AM and 3:30PM at Room 508

10:00-11:00   Hevé Jacquet, Columbia University
Relative trace formula

11:30-12:30   Wei Zhang, Columbia University
*Fourier transform and the Gan-Gross-Prasad conjectue
for unitary group*

1:30-2:30   Zhiwei Yun, MIT
The Jacquet-Rallis fundamental lemma

Sepember 17   Math Building, Room 312
Breakfast at 9AM and tea at 11AM and 3:30PM at Room 508

10:00-11:00   Akshay Venkatesh, Stanford University
Harmonic analysis on spherical varieties I

11:30-12:30   Yiannis Sakellaridis, Rutgers University
Harmonic analysis on spherical varieties II

Sepember 18   Math Building, Room 312
Breakfast at 9AM and tea at 11AM and 3:30PM at Room 508

10:00-11:00   Shou-Wu Zhang, Columbia and Princeton
Gross–Zagier formula on Shimura curves I

11:30-12:30   Xinyi Yuan, Princeton University
Gross–Zagier formula on Shimura curves II