FRG Workshop:  
Periods of automorphic forms and applications to L-functions  
May 23-25, 2014  
Harvard University Science Center Room 507

Friday May 23, 2014
1:45pm – 2:00pm  Welcome coffee
2:00pm – 3:00pm  Shouwu Zhang  Heegner points and representation theory - 12.5 years after Gross' MSRI lecture
3:30pm - 4:30pm  Henri Darmon  The Birch and Swinnerton Dyer conjecture for ring class characters of real quadratic fields

Saturday May 24, 2014
9:15am – 9:30am  Welcome coffee
9:30am – 10:30am  Akshay Venkatesh  Derived Hecke algebra
11:00am – 12:00am  Gordan Savin  A period problem related to Bhargava cubes
12:00am – 2:00pm  Lunch*
2:00pm - 2:30pm  Hang Xue  On the Gan--Gross--Prasad conjecture for U(n) \times U(n)
2:45pm - 3:15pm  Chao Li  2-Selmer groups and Heegner points
3:30pm - 4:00pm  David Roe  Geometrizing the Langlands correspondence in mixed characteristic

Sunday May 25, 2014
9:15am – 9:30am  Welcome coffee
9:30am – 10:30am  Eric Urban  On some p-adic distribution of automorphic periods
11:00am – 12:00am  Yiannis Sakellaridis  The L-group of a spherical variety
12:00am – 2:00pm  Lunch
2:00pm - 2:30pm  Ioan Filip  A local relative trace formula for spherical varieties
2:45pm - 3:15pm  Cheng-Chiang Tsai  Orbital integrals and local character expansions of supercuspidal representations

* Lunch at Maharaja: 57 JFK Street, Cambridge, MA