Analytic Number Theory and its Applications

A conference in honor of Jeff Hoffstein

PROGRAM

Monday 14 July 2014

- 9:00-9:20 **Dorian Goldfeld**
  Opening Remarks
- 9:30-10:30 **Ben Brubaker**
  Whittaker coefficients of maximal parabolic Eisenstein series
- 11:00-12:00 **Sol Friedberg**
  Descent and theta functions for metaplectic groups

- 12:00-2:00 **Lunch**
- 2:00-3:00 **Samuel Patterson**
  Metaplectic forms, in particular the rational function-field case
- 3:30-4:30 **Reinier Bröker**
  Computing Fourier coefficients of theta series

Tuesday 15 July 2014

- 9:30-10:30 **Özlem Imamoglu**
  Modular cocyles and linking numbers
- 11:00-12:00 **William Duke**
  Singular moduli of harmonic modular functions

- 12:00-2:00 **Lunch**
- 2:00-3:00 **Winfried Kohnen**
  Sign changes of Fourier coefficients of cusp forms
- 3:30-4:30 **Jyoti Sengupta**
  Nonvanishing and sign changes of Hecke eigenvalues of Siegel
  cusp forms of genus two

Wednesday 16 July 2014

- 9:30-10:30 **Paul Gunnells**
  Modular forms and elliptic curves over number fields
- 11:00-12:00 **Wenzhi Luo**
  Hecke eigenvalues of Maass forms

- 12:00-2:00 **Lunch**
- 2:00-3:00 **Dinakar Ramakrishnan**
  Bounds for Dedekind zeta functions and trace inequalities
- 3:30-4:30 **YoungJu Choie**
  Double Hecke L-series
- 7:00 - ??? **Banquet**

Thursday 17 July 2014

- 9:00-10:00 **Adrian Diaconu**
  Multiple Dirichlet series
- 10:15-11:15 **David Hansen**
  Towards level aspect subconvexity for multiple Dirichlet series
- 11:30-12:30 **Min Lee**
  Shifted multiple Dirichlet series and spectral moments of Rankin-Selberg L-functions

- 12:30-1:30 **Lunch**

- 2:00-7:00 **Excursion to Vergina**

Friday 18 July 2014

- 9:00-10:00 **Winnie Li**
  Combinatorial zeta and L-functions
- 10:15-11:15 **Alina Bucur**
  Effective Sato-Tate
- 11:30-12:30 **Harold Stark**
  Modular forms and Poincare series

- 12:30-1:30 **Lunch**

- 4:00 - ??? **Visit to city center and dinner at a local restaurant**