## Workshop on L-functions, Galois representations and Iwasawa theory May 17-22, 2011

#### Schedule

#### Special notes:

- On the first day, Tuesday the 17th, we will have opening remarks at 9:10am, so the first lecture will start a few minutes late and possibly extend into the coffee break.
- All talks will take place in the Chemistry Building on Central Campus in Room 1200. There will be two coffee breaks a day, from 10:30am 11:10am and from 3:30pm 4:10pm. Coffee/snacks will be available on the lower atrium of the Chemistry Building. Please see the google map on the conference webpage for more precise directions.

Date	9:10am - 10:30am	11:10am -12:30pm	2:10 pm-3:30 pm	4:10pm-5:30pm
Tue, 17th	Shahidi (1)	Shin $(1)$	Hida (1)	Howard $(1)$
Wed, 18th	Shin $(2)$	Shahidi (2)	Hida(2)	Weinstein (1)
Thursday, 19th	Shahidi (3)	Howard $(2)$	Shahidi (4)	Weinstein (2)
Friday, 20th	Howard (3)	Grbac (1)	Blasius (1)	Geraghty
Saturday, 21st	Weinstein (3)	Grbac(2)	Blasius (2)	Urban
Sunday, 22nd	Grbac (3)	Skinner		

### Titles

#### Instructional mini-courses:

- Don Blasius (2 talks) Critical values of L-functions.
- Neven Grbac (3 talks) Eisenstein series, cohomology of arithmetic groups and some applications.
- Ben Howard (3 talks) Cycles on unitary Shimura varieties and derivatives of L-functions.
- Freydoon Shahidi (4 talks) An Overview of the theory of Eisenstein series.
- Sug Woo Shin (2 talks) Introduction to Shimura varieties
- Jared Weinstein (3 talks) Nonabelian local class field theory, and the geometry of Lubin-Tate spaces.

# Research talks:

- David Geraghty Minimal modularity lifting theorems over imaginary quadratic fields.
- Haruzo Hida (2 talks) Growth of Hecke fields in p-adic families and applications.
- Chris Skinner Ranks of Selmer groups of elliptic curves I
- Eric Urban Ranks of Selmer groups of elliptic curves II