

Mayday 2009

Schedule

Friday Oct 16 Talk in Kent 120

4:00 **Mike Hopkins**, The Kervaire invariant problem.

Saturday Oct 17 Talks in SS 122

8:30 Coffee and setup (volunteers may be needed)

9:00 **Julie Bergner**, To $(\infty, 1)$ -categories and beyond.

10:30 **Ib Madsen**, Homology operations and moduli spaces.

11:30 Break for lunch

1:30 **Jacob Lurie**, Nonabelian Poincaré duality.

2:45 **David Nadler**, Loop spaces and connections.

4:00 **Teena Gerhardt**, Equivariant stable homotopy and algebraic K -theory computations.

Sunday Oct 18 Talks in SS 122

8:30 Coffee and setup

9:00 **Matt Ando**, Umkehr maps in twisted generalized cohomology.

10:30 **John Greenlees**, Rational torus-equivariant cohomology theories.

11:45 **Mike Hill**, Equivariance and the Kervaire invariant problem.

Banquet

The celebratory banquet is Saturday at 6:30pm at I-House in the Home Room & National Room (on the second floor). Generous funding by the University of Chicago Physical Sciences Division allows us to offer this banquet free of charge, but because of the large number of expected conference participants, we cannot accommodate guests or family members.

The banquet will be buffet style with a menu consisting of several vegetarian and non-vegetarian choices from India House.

Map

