

Instructional Conference on Representation Theory and Arithmetic

Monday, May 5: Norris Room 207

9:00-10:20 Modular forms: from classical to modern (Matthew Emerton)

10:40-12:00 Lie Theory and algebraic groups I (David Nadler)

12:00-2:00 Lunch

2:00-3:20 Lie Theory and algebraic groups II (Jacob Lurie)

3:40-5:00 Lie Theory and algebraic groups III (Jacob Lurie)

Tuesday, May 6: Norris Room 104

9:00-10:20 Representation theory of real groups (Matthew Emerton)

10:40-12:00 Representation theory of p -adic groups I (Florian Herzig)

12:00-2:00 Lunch

2:00-3:20 Representation theory of p -adic groups II (David Nadler)

3:40-5:00 Representation theory of p -adic groups III (Frank Calegari)

Wednesday, May 7: Norris Room 206

9:00-10:20 Review of class field theory (Frank Calegari)

10:40-12:00 Automorphic forms and representations I (Matthew Emerton)

12:00-2:00 Lunch

2:00-3:30 Homework Session

Thursday, May 8: Norris Room 203

9:00-10:20 Automorphic forms and representations II (Matthew Emerton)

10:40-12:00 Automorphic forms and cohomology (Frank Calegari)

12:00-2:00 Lunch

2:00-3:20 Homework Session

3:40-5:00 Shimura varieties/and or Functorality (Matthew Emerton)