Algebra
Seminar

The Iwasawa main conjecture for elliptic curves at supersingular prime

Florian Sprung

Princeton/IAS

Abstract: Iwasawa theory is a bridge between analytic objects and algebraic objects. We give a friendly introduction to the main conjecture in the ordinary case (and define what 'ordinary' means), and then outline the supersingular (=non-ordinary) theory. The main philosophy of the proof in the supersingular case is to work with a pair of simple objects similar to the ordinary ones.

Tuesday, February 9, 2016, 4:00 pm
Mathematics and Science Center: W304

Mathematics and Computer Science
Emory University