## Philadelphia Area Number Theory Seminar

Florian Sprung Princeton University

## On the Birch and Swinnerton-Dyer Conjecture in Towers of Number Fields

**Abstract:** We will give a friendly introduction to Iwasawa Theory and on what Iwasawa Theory can tell us about the arithmetic of elliptic curves, in particular the Birch and Swinnerton-Dyer conjecture.

Wednesday, February 18, 2015 2:40{4:00PM

Bryn Mawr College Department of Mathematics Park Science Center **328** Tea and refreshments at 2:20PM in Park 355