

**Number theory and Representation
Theory seminar, Fall 2007
East Hall 4096
November 5, 3:10-5:00pm
(tea break at 4pm)**

Algebraic cycles and exotic Heegner points

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Abstract

I will describe a new (conjectural) construction of rational points on CM elliptic curves using cycles on higher dimensional varieties. This will be a report on work in progress with Massimo Bertolini and Henri Darmon..