



Speaker: David Hansen
Columbia University

Tuesday, November 28, 2017

4:00 PM

117 Hayes-Healy Hall

Title: Elliptic curves and p-adic L-functions

Abstract:

I'll explain the notion of a p-adic L-function, try to motivate why one might care about such a gadget, and give some history of their construction and applications. At the end of the talk I'll discuss a recent joint work with John Bergdall in which (among other things) we construct canonical p-adic L-functions associated with modular elliptic curves over totally real number fields.