Séminaire de théorie des nombres

Le 14 avril 2008 à 14h

On Mordell-Weil groups of abelian varieties over function fields

Exposé de Douglas Ulmer (University of Arizona et IMJ)

Résumé : I will sketch a construction which, among other things, relates CM of certain abelian varieties over a field k to Mordell- Weil groups of certain abelian varieties over $K = k(t)$. Examples will be considered were k is a finite field, a number field, or the algebraic closure of one of these fields.