Séminaire de théorie des nombres

Le 11 février 2013 à 14h (PRG)

A p-adic criterion for good reduction of smooth proper curves over a p-adic field.

Exposé de Adrian Iovita
(Concordia)

Résumé :

It is known that an abelian variety A over a p-adic field K has good reduction if and only if $T_p(A)$ is a crystalline representation of G_K. In this talk we will discuss a related criterion for the good reduction of a smmoth proper curve X over K.