Séminaire de théorie des nombres Londre – Paris

Le 16 novembre 2009 à 15h30 (à l'IHP)

Rational points on subvarieties of semi-abelian varieties : an overview

Exposé de Sinnou David (Université Paris 6, France)

Résumé : Taking as a starting point the solution of the Mordell-Lang conjecture about two decades ago, we shall go through the various progresses that have been made since, with an emphasis on the last decade : counting the solutions and uniformity questions ; varying the underlying group. The link with the study of points of small height and recent results in that line will also be discussed.