# Algebra and Number Theory Seminar

**Title:** On the number of rational points on some abelian varieties over finite fields

**Speaker:** Safia Haloui (Institut de Math. de Luminy, Marseille)

**Date:** Mon 29th November 2010 at 4:00PM

**Location:** Mathematical Sciences Seminar Room

**Abstract:** Let A be an abelian variety of dimension g defined over GF(q). By Weil conjectures, we have (q+1-2q$^{(1/2)})^g$ <= $A(GF(q))$ <= $(q+1+2q^{(1/2)})^g$.$Itisactuallypossible(asforcurv$
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