Seminar

# K-Theory, Quadratic Forms and Number Theory

**Title:** Steinitz classes of tamely ramified Galois extensions of algebraic number fields

**Speaker:** Dr. Alessandro Cobbe (Scuola Normale Superiore, Pisa)

**Date:** Wed 17th February 2010 at 4:00PM

**Location:** Mathematical Sciences Seminar Room

**Abstract:** The Steinitz class of a number field extension L/K is an ideal class in the ring of integers $O_K of K, which, together with the degree [L : K] of the extension, determines the O_K-$
$module structure of O_L. The set of all the realizable Steinitz classes for an number field K and a finite grou$