



Seminar

## K-Theory, Quadratic Forms and Number Theory

**Title:** Involutions of Incidence Algebras

**Speaker:** Professor David Lewis (UCD)

**Date:** Wed 29th October 2008 at 3:00PM

**Location:** Mathematical Sciences Seminar Room

**Abstract:** Associated to any partially ordered (or quasi-ordered) set is an incidence algebra. This will be a finite-dimensional algebra when the set is finite and can be imbedded in a ring of matrices. We will give a brief survey on incidence algebras, looking in particular at their involutions, i.e. anti-automorphisms of period 2.