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**Scoil na
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K-Theory, Quadratic Forms and Number Theory Seminar

Professor David Lewis (UCD)

will speak on

Classification of Involutions on Incidence Algebras

Thu 29th September 2011 at 4:00PM

Location: Mathematical Sciences Seminar Room

To any finite partially ordered set we can define a finite dimensional K -algebra, K a field. These algebras are called incidence algebras and also are sometimes known as structural matrix algebras. We describe recent work of Brusamarello, Fornaroli, and Santulo on classifying, up to inner automorphism, involutions on these incidence algebras, an involution being an anti-automorphism of order two.

Please note the new day and time and that the seminar room is now in Ag. 1.01.

This talk is part of the **K-Theory, Quadratic Forms and Number Theory** series. For more, see <https://maths.ucd.ie/seminars>