K-Theory, Quadratic Forms and Number Theory Seminar

Dr. Anne Cortella (Besancon)

will speak on

Morita theory for sesquilinear forms

Wed 9th January 2008 at 4:00PM

Location: Mathematical Sciences Seminar Room

Let A be an algebra and sigma an anti-automorphsim on A (i.e. such that sigma preserves the sum and inverses the order in products). We can then define sesquilinear forms on an A-module (on the right) as usual. We will see a definition of a Morita equivalence between two algebras with anti-automorphism and prove that this gives an equivalence of categories of sesquilinear forms.

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