K-Theory, Quadratic Forms and Number Theory Seminar

Dr Stefan de Wannemacker (Katholieke Universiteit Leuven)

will speak on

Annihilating polynomial rings

Wed 6th June 2007 at 4:00PM

Location: Mathematical Sciences Seminar Room

In 'New Proofs of the structure theorems for Witt Rings', David Lewis shows how the standard ring-theoretic results on the Witt ring can be deduced in a quick and elementary way from the fact that the Witt ring of a field is integral and from the specific nature of the explicit annihilating polynomials he provides. We will show that the same structure results hold for larger classes of commutative rings and not only for Witt rings.

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