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K-Theory, Quadratic Forms and Number Theory Seminar

Professor Wilberd van der Kallen (Universiteit Utrecht)

will speak on

Cohomological Invariant Theory

Wed 22nd October 2008 at 3:00PM

Location: Mathematical Sciences Seminar Room

The "first fundamental theorem" of invariant theory goes back to the 19th century. Nowadays one says that if a reductive algebraic group acts algebraically on a finitely generated commutative k-algebra, then the ring of invariants $\mathsf{H}^0(G,A)isalsoafinitely generated k-algebra. Here kis the ground field. We have conjectured that more generally for any geometrically reductive groups cheme Suslin (1997). This summer the conjecture was proved by Antoine Touze, just be for ehist he side fence. As the proof sare to the same property of the same propert$

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