K-Theory, Quadratic Forms and Number Theory Seminar

Title: Symplectic involutions on algebras of degree eight

Speaker: Karim Becher (Konstanz)

Date: Wed 29th September 2010 at 3:00PM

Location: Mathematical Sciences Seminar Room

Abstract: === Please note that the seminar has been moved to 3pm ===

In a recent work by Garibaldi–Parimala–Tignol, a cohomological invariant of degree 3 for symplectic involutions on central simple algebras of degree eight was introduced and used to solve the Pfister Factor Conjecture in degree 6. We give a more elementary aproach to this invariant and define it as a 3-fold Pfister form.