



Seminar

K-Theory, Quadratic Forms and Number Theory

Title: Towards an algebraic formula for the coefficients of half-integral weight harmonic Maass forms

Speaker: Claudia Alfes (Darmstadt)

Date: Thu 9th February 2012 at 4:00PM

Location: Mathematical Sciences Seminar Room (Ag 1.01)

Abstract: In 2011, Bruinier and Ono found an algebraic formula for the partition function $p(n)$ using a theta lift. Here we generalize their lift to other weights and indicate how this leads to algebraic formulas for the coefficients of forms of half-integral weight. This is work in progress.