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## K-Theory, Quadratic Forms and Number Theory Seminar

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**Claudia Alfes (Darmstadt)**

will speak on

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

Thu 9th February 2012 at 4:00PM

Location: Mathematical Sciences Seminar Room (Ag 1.01)

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.

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