



Seminar

## K-Theory, Quadratic Forms and Number Theory

**Title:** Mock modular forms

**Speaker:** Dr. Sander Zwegers (UCD)

**Date:** Wed 19th November 2008 at 3:00PM

**Location:** Mathematical Sciences Seminar Room

**Abstract:** In this talk we'll discuss some aspects of the theory of mock modular forms. We provide a general definition, some examples, like Ramanujan's mock theta functions and certain indefinite theta functions, and a generalization.