



**UCD School of  
Mathematics and Statistics**

University College Dublin  
Belfield, Dublin 4, Ireland

Tel +353 1 716 2580  
Fax +353 1 716 1196

**Scoil na  
Matamaitice agus na Staitisticí UCD**

An Coláiste Ollscoile, Baile Átha Cliath  
Belfield, Baile Átha Cliath 4, Éire

Email seminars@maths.ucd.ie  
Web [maths.ucd.ie/seminars](https://maths.ucd.ie/seminars)

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

---

**Professor Winfried Kohnen (Universitaet Heidelberg)**

will speak on

**Generalized modular functions and their Fourier coefficients**

Wed 11th November 2009 at 3:00PM

Location: Mathematical Sciences Seminar Room

Generalized modular functions are functions holomorphic on the complex upper half-plane and meromorphic at the cusps that satisfy the usual definition of a modular function of weight zero, with the sole exception that the character need not be unitary. Such functions e.g. occur naturally in rational conformal field theory in physics. We will study the Fourier coefficients of generalized modular functions.

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