



**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

Analysis Seminar

M. Daws (Leeds)

will speak on

A non-commutative notion of separate continuity

Tue 25th November 2014 at 4:00PM

Location:

The classical Gelfand theory of commutative C^* -algebras tells us that commutative C^* -algebras are nothing but the algebras $C_0(K)$, the algebra of complex valued functions, vanishing at infinity, on a locally compact Hausdorff space. How might we similarly consider separate continuity from a C^* -algebra framework? We present one way to do this — then a naive “non-commutative” definition thus resulting doesn’t quite work. Time allowing, I will present some applications to the study of “quantum” topological semigroups.

This talk is part of the **Analysis** series. For more, see
<https://maths.ucd.ie/seminars>