



## Analysis Seminar

**Title:** A non-commutative notion of separate continuity

**Speaker:** M. Daws (Leeds)

**Date:** Tue 25th November 2014 at 4:00PM

**Location:**

**Abstract:** 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, via commutative geometry/topology. How might we similarly consider separate continuity from a  $C^*$ -algebra framework? We present one way to do this — the naive “non-commutative” definition thus — subalgebra. Time allowing, I will present some applications to the study of “quantum” topological semi-