



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, vanishing at infinity, on a compact Hausdorff space K . 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 requires a subalgebra. Time allowing, I will present some applications to the study of “quantum” topological semigroups.