

IMIA Operator Algebra Seminar
University of Wollongong

Title: C^* -algebras of Fell bundles over groupoids

Speaker: Aidan Sims (UoW)

Time and Dates: 3:30pm, Thursday September 22, 2011

Location: Room 1.G03

Abstract: We outline how to show that the Muhly-Williams extension of Renault's equivalence theorem to C^* -algebras of Fell bundles over groupoids descends also to the reduced C^* -algebras. We also describe some conditions under which the full and reduced C^* -algebras of a Fell bundle coincide: whenever the groupoid is (metrically) amenable; and whenever its orbit space is T_0 and the full and reduced algebras of the restriction of the bundle to each stability subgroup coincide.

This is joint work with Dana Williams.