

IMIA Operator Algebra Seminar
University of Wollongong

Title: C^* -correspondences, multipliers and Cuntz-Pimsner algebras

Speaker: Dave Robertson (University of Wollongong)

Time and Dates: 3:30pm Thursday, 15 March 2012

Location: Room 8.G25

Abstract: I will begin by defining C^* -correspondences and associated Cuntz-Pimsner algebras, and give some examples. I'll then define the multipliers of a C^* -correspondence, and show that with an appropriate notion of covariance of morphisms from a C^* -correspondence to the multipliers of a second C^* -correspondence, we get a homomorphism on the level of C^* -algebras. Finally, I'll show how this work can be used to study crossed product C^* -correspondences.