

IMIA Operator Algebra and Noncommutative Geometry Seminar
University of Wollongong

Title: On C^* -algebras associated to right LCM semigroups

Speaker: Nathan Brownlowe (University of Wollongong)

Time and Date: 3:30pm Thursday, 9 October 2014

Location: Room 39C.meeting room

Abstract: We will discuss semigroup C^* -algebras, and those associated to a class of semigroups called right LCM. We will look at a uniqueness result for right LCM semigroup C^* -algebras, and find conditions under which these algebras are simple and purely infinite. We will then present some examples of these simple and purely infinite algebras. We aim for this talk to be part one of two. This is joint with Nadia S. Larsen and Nicolai Stammeier.