

IMIA Operator Algebra Seminar
University of Wollongong

Title: Aperiodicity and uniqueness theorems

Speaker: Aidan Sims (University of Wollongong)

Time and Dates: 3:30pm Thursday, 24 May 2012

Location: Room 8.G25

Abstract: There are at least four notions of "aperiodicity" for k -graphs in the literature. By now we know how they are all related, and how they relate to the structure of the associated C^* -algebras. I will discuss the various notions of aperiodicity, focussing on the one eventually formulated by Peter Lewin which has the dual advantages of being checkable in examples and working for all classes of k -graphs studied so far. I'll also try to discuss how these conditions all come into play when studying C^* -algebras.