

SMAS Operator Algebra and Noncommutative Geometry Seminar
University of Wollongong

Title: An Application of Twisted Representations of A Topological Graph

Speaker: Hui Li (University of Wollongong)

Time and Date: 3:30pm Thursday, 20 March 2014

Location: Room 39C.meeting room

Abstract: In this talk we introduce the notion of (covariant) twisted Toeplitz representations of a topological graph. We apply this new representation theory to give a new proof of a result due to Vasselli, which states that the Cuntz-Pimsner algebra of a Hermitian line bundle over a compact Hausdorff space is unital, commutative, and with the spectrum homeomorphic with the corresponding principal circle bundle induced from the line bundle.