

IMIA Operator Algebra Seminar
University of Wollongong

Title: Deformation of algebras associated to group cocycles

Speaker: Makoto Yamashita (University of Tokyo)

Time and Dates: 2:30-3:20pm, Thursday August 25, 2011

Location: Room 15.113 (Access Grid Room)

Abstract: Fell bundles over a discrete group can be deformed using 2- cocycles on the base group. We give a K-theoretic isomorphism of such deformations, generalizing the previously known cases of the theta-deformations and the reduced twisted group algebras. We shall also discuss the pairing of invariant cyclic cocycles with the K-groups of deformed algebras.