Department of Mathematics

University of Houston

Analysis Seminar

Monday, April 4, 2016

11:00-12:00 – Room 646 PGH

Speaker: Elias Katsoulis (East Carolina University)

Title: Crossed Products of operator algebras

Abstract: The construction of various crossed products for C^*-algebras goes back to the beginnings of the subject. Rather surprisingly nobody has considered so far so far the study of crossed products on arbitrary operator algebras. In this talk I will explain how this can be done and I will explain how various problems in (both selfadjoint and non-selfadjoint) operator algebra theory are actually problems involving the structure of these crossed products. If time permits I will also present a non-selfadjoint Takai duality.