DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE
UNIVERSITY OF SOUTHERN DENMARK, ODENSE

Mathematics seminar

Bartosz Kwasniewski
IMADA, SDU

On crossed products by endomorphisms

Thursday 8 October 2015, 14:15-16:00
IMADA seminar room

Abstract

In this talk, I will present how a notion of crossed product of a C*-algebra by an endomorphism evolved during the years and resulted in a variety of different constructions. I will discuss and clarify relationships between them and argue what `the appropriate crossed product' is. For the latter, I will report a number of structural results that concern ideal structure, pure infiniteness and K-theory.