

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

Mathematics seminar

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Modern Approaches to Analysis: Noncommutative Dynamics and Algebra

Tuesday 8 December 2015, 9:15-10:15
IMADA seminar room

Abstract

In this talk, I will review my recent work within the broadly understood area of operator algebra. Special focus will be given to noncommutative dynamical systems on graph C^* -algebras. Our approach emphasizes interplay between topological and algebraic techniques. Although objects in question are of analytic nature, certain aspects of this work involve applications of innovative discrete and combinatorial methods, which are supported by large scale symbolic computer calculations.

Host: Martin Svensson