

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

Mathematics seminar

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Discrete group actions on strongly self- absorbing C^* -algebras

Thursday 24 May 2018, 14:15-15:15
IMADA seminar room

Abstract

I will motivate the study of discrete group actions on strongly self-absorbing C^* -algebras from the point of view of Ocneanu's theorem about group actions on the hyperfinite II_1 factor. We will discuss to what extent a classification is realistic for amenable groups, and look at some positive cases, where one gets a uniqueness theorem for strongly outer actions in a suitable sense. We will also (briefly) review the theory of strongly self-absorbing C^* -dynamics, which acts as the key technical gadget to approach these problems

Host: David Kyed