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

Mathematics seminar

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On MASAa in graph algebras

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IMADA seminar room

Abstract

We discuss some recent and ongoing work related to MASAs in graph C*-algebras. Firstly, we would like to understand the group of those automorphisms of the entire algebra which globally preserve the MASA. Secondly, we would like to classify MASAs up to inner conjugacy, or more realistically, make progress towards such classification. Both these projects are important ingredients in an attempt to better understand the outer automorphism group of a purely infinite and simple graph C*-algebra.