

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

Mathematics seminar

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Classification of C^* -algebras

Thursday 21 February 2019, 10:15-11:15
IMADA Seminar Room

Abstract

Operator algebras come in two flavours: C^* -algebras and von Neumann algebras. Classification is a corner stone of operator algebras, with Connes' classification of von Neumann algebras being acknowledged with the Fields medal. A major research area for the past 30 years has been the Elliott programme, which seeks to classify C^* -algebras. I will survey Elliott's programme with an emphasis on my own contributions.

Host: Wojciech Szymanski