

Mathematisches Kolloquium Weststadt Carrée



Prof. Dr. Wilhelm Winter
Universität Münster

"Amenability and Regularity in C^* -Dynamics"

Recent developments in the structure and classification theory of nuclear C^* -algebras have revealed deep and subtle connections between certain C^* -algebraic regularity properties. The flavour of these is topological, functional analytic, and algebraic, respectively. They allow to analyze similar phenomena from very different perspectives and in some way or other are crucial ingredients of all known classification theorems for simple nuclear C^* -algebras. There are particularly satisfactory results for C^* -algebras coming from topological dynamics. Perhaps even more important, to a large extent the regularity properties and their interplay can already be observed at the level of the underlying dynamical systems themselves. This point of view opens up exciting new connections between nuclear C^* -algebras, topological dynamics and geometric group theory.

Ort: Universität Duisburg-Essen, Thea-Leymann-Str. 9, 45127 Essen, Raum WSC-S-U-4.02

Zeit: Mittwoch, 28. Januar 2015 um 17:15 Uhr

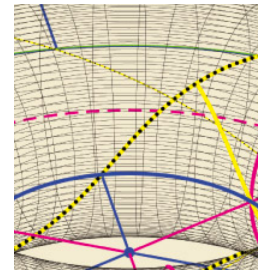
Vor dem Vortrag gibt es ab 16:45 Uhr Gelegenheit zum Gespräch bei Kaffee und Tee im Raum WSC-S-4.05.

Die Dozenten der Mathematik

Fakultät

für

Mathematik



Datum: 15.01.2015