

*Department of Mathematics,
University of California San Diego*

MATH 243 - Functional Analysis Seminar

Prof. Alcides Buss

Universidade Federal de Santa Catarina

Amenable actions of locally compact groups on C^* -algebras

Abstract:

I will talk about joint work with Siegfried Echterhoff and Rufus Willett in which we introduce and study amenable actions of locally compact groups on C^* -algebras, building on previous similar notions by Anantharaman-Delaroche for actions of discrete groups. Among the new results we prove an extension of Matsumura's theorem giving a characterisation of the weak containment property (coincidence of full and reduced crossed products) for actions on commutative C^* -algebras and give examples showing that this result does not extend to general noncommutative C^* -algebras.

Host: Matthew Wiersma

Tuesday, November 24, 2020

11:00 AM

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