Wednesday January 17th 2007

At 16:00 in Room AAC 006

To be followed by discussion;

“Amenable Actions and the Akemann-Ostrand Property for Discrete Groups”

Claire Anantharaman - Delaroche
(Orléans)

Target audience: doctoral students, researchers and Professors in Mathematic.

Abstract:

We shall describe some interactions between operator algebras and dynamical systems, in relation with several notions of amenability for discrete groups, ranging from usual amenability to exactness. We shall emphasize a notion of amenability leading to the Akemann-Ostrand property. Due to remarkable results of Ozawa, this property proves to have important consequences on the structure of discrete groups von Neumann algebras.