Arbre de Noël 2024 en Géométrie Non Commutative

jeudi 12 décembre 2024 - vendredi 13 décembre 2024

Orléans

Résumé des minicours/Minicourses abstracts

Indira Chatterji : The rapid decay property for discrete groups

Abstract: The rapid decay property for a discrete group gives a control on the norms of convolutions in the reduced C-* algebra of the group. We will discuss consequences of this property, known results and open questions.

Alessandro Vignati : Roe-like algebras: between coarse geometry and operator algebras.

Abstract : Roe-like algebras are C-*algebras designed to catch algebraically the coarse geometric behaviour of metric spaces. They are fundamental in applications for their connections across mathematics and further. In this minicourse, after having defined (some of) these C-algebras, we will glance around their main properties, their structure, and some of their intricacies.*