

Discrete measured groupoid von Neumann algebras via the Gaussian deformation

Felipe Flores

During this talk, we will discuss recent results on von Neumann algebras associated with discrete groupoids. Indeed, the work discussed involves defining the Gaussian deformation for discrete p.m.p. groupoids and using the techniques of Popa's deformation/rigidity theory to obtain results related to primeness, fullness and unique prime factorizations for these algebras. The talk is based on joint work with James Harbour.