

Meeting: 999, Nashville, Tennessee, SS 1A, Special Session on Von Neumann Algebras and Noncommutative Ergodic Theory

999-37-193 **Nicolas Monod*** (monod@math.uchicago.edu), 5734 S. University Ave, Chicago, IL 60637. *Orbit equivalence Rigidity.*

We present an overview of some recent contributions of the group-theoretical approach to orbit equivalence. More specifically, we discuss results of Furman and joint work with Shalom. The main goal is to explain why orbit equivalence rigidity theorems can be obtained as by-product of general superrigidity techniques. We also briefly introduce new rigidity results that have not (yet?) found such applications to orbit equivalence. (Received August 23, 2004)