

# Classification of automorphisms of $C^*$ -algebras

May 12th, 2012  
Canadian Operator Symposium 2012  
(Queen's University)

I will introduce some non-classification criteria from descriptive set theory, and then present non-classification results for automorphisms of  $C^*$ -algebras obtained by means of descriptive set-theoretic methods. No specific background in set theory will be assumed.