Property T for some groups of tame automorphisms of K[x, y, z]

Martin Kassabov

Cornell University, Philadelphia, USA

martin.kassabov@cornell.edu

I will describe a construction of some subgroups of automorphisms of polynomial rings like $K[x, y, z]$ consisting of tame automorphisms which have Kazdan property T. The groups can be used to provide new examples of expander graphs. This is joint work with Pierre-Emmanuel Caprace.