Seminarium geometrów

Wtorek, 14.12.2021, 14:30 s. HS

Jingyin Huang (Ohio State U.)

Orbit equivalence rigidity of irreducible actions of right-angled Artin groups

Abstract: Let G_1 and G_2 be two one-ended centreless right-angled Artin groups, with free measure-preserving actions on standard probability spaces X_1 and X_2 respectively. Assume the two actions are irreducible, i.e. every element from a standard generating set acts ergodically. We show that if the two actions are stably orbit equivalent, then these two actions are conjugate to each other. We will also explain some superrigidity results which are derived from this by combining with works of other people. This is joint work with Camille Horbez.

streaming via ZOOM:

Meeting ID: 967 6507 7409

Meeting password: "GS"(two letters) followed by the Euler characteristic of the closed orientable surface of genus 89.