Seminarium geometrów

Wtorek, 22.03.2022, 14:15 HS

Damian Osajda (IMPAN)

Locally elliptic actions and nonpositive curvature.

Abstract: We conjecture that a locally elliptic action (every element has a bounded orbit) of a finitely generated group on a finite dimensional nonpositively curved complex has a bounded orbit. I will survey results in this direction, relate it to a few well-known problems, including the Tits Alternative and the question on torsion subgroups of NPC groups, and explain our recent results. The talk is based on joint works with Piotr Przytycki and, independently, with Thomas Haettel.

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.