Seminarium geometrów

Poniedziałek, 27.01.2025, 14:15 WS

Monika Kudlinska (University of Cambridge)

Analogues of the Thurston norm in groups

Abstract: The Thurston norm of a 3-manifold M measures the minimal topological complexity of a surface dual to a character of M. In this talk, we will introduce a real-valued function on the first cohomology of an arbitrary group which generalises the Thurston norm. We will propose a strategy for proving that such a function defines a seminorm using the theory of L^2-invariants. Finally, we will implement this strategy for some classes of right-angled Artin groups.

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.