Seminarium geometrów

Wtorek, 30.03.2021, 14:15, webminar

Olga Varghese (U. Münster)

Automatic continuity from a geometric perspective

Abstract: We study abstract group actions of locally compact Hausdorff groups on CAT(0) spaces. Under mild assumptions on the action we show that it is continuous or has a global fixed point. This mirrors results by Dudley and Morris-Nickolas for actions on trees. As a consequence we obtain a geometric proof for the fact that any abstract group homomorphism from a locally compact Hausdorff group into a torsion free CAT(0) group is continuous.

ZOOM meeting info:

Meeting ID: 945 9956 8132

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