
INSTYTUT MATEMATYKI

zaprasza na wykład :

SOFIC GROUPS AND THEIR GEOMETRY

który wygłosi:

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In the recent years, there has been substantial activity connecting graph theory and group theory via the concept of a metric approximation of an infinite group by finite objects (groups or graphs), in particular around sofic groups. This leads to numerous results which describe approximation properties of the group (for instance, amenability, Haagerup property and property (T)) in terms of geometric properties of its approximations (e.g. hyperfiniteness, coarse embeddability in a Hilbert space or geometric property (T) of a graph sequence). In this talk, I will describe these connections and some recent results related to them and their applications, particularly to the structure of metric ultraproducts.

Wykład odbędzie się 25 lutego 2025 r. (wtorek)
o godz. 12.00 w sali 210
w budynku Wydziału Nauk Ścisłych i Przyrodniczych.