Uniform Local Amenability

Jan Spakula
University of Münster

Abstract

Yu’s property $A$ is a coarse-geometric variant of amenability and has numerous characterizations, for instance it is equivalent to $C^*$-exactness for discrete groups. In this talk, I will discuss one a closely related property: Uniform Local Amenability.

This new property is particularly well suited for showing that spaces do not have it; it readily applies to expanders and families of graphs with large girth.

This is a joint work with J. Brodzki, G. Niblo, R. Willett and N. Wright.