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Title: Geodesics and visual boundary of Horospherical products.

Abstract: Horospherical products of two Gromov hyperbolic spaces unify the construction of metric spaces such as the Diestel-Leader graphs, the SOL geometry or the treebolic space. These examples, which are coming either from geometric group theory or from the study of solvable Lie groups, share similar rigidity properties.

In this talk we will first recall all the bases required to construct the horospherical products. Then we will study the large scale geometry of a family of them through a description of their geodesics and visual boundary.

