

Geometric structures with a large group of symmetries: some rigidity results

It is a general principle that rigid geometric structures admitting a lot of symmetries should be rare enough to be classified. The aim of the talk is to discuss several situations where this principle is actually a theorem. This will lead us to introduce the notion of rigid geometric structures, Cartan geometries and dynamics of isometries on such structures.

Prof. Dr. Charles Frances (Université Paris-Sud)