## Global topology of singularities

Misha Gromov

**IHES** 

## Abstract

The talk will about lower bounds on singularities of smooth maps, e.g. on the numbers of self intersections of the folding loci, in terms of the topologies of the underlying manifolds, as it appears in my paper "Singularities, expanders and topology of maps. Part 1: Homology versus volume in the spaces of cycles".