

Gerard Besson

Title: Collapsing irreducible 3-manifolds with nontrivial fundamental group

Abstract: We shall describe the main ideas of an alternative approach for the last step in Perelmans proof of Thurstons Geometrization Conjecture. This is a joint work with L. Bessieres, M. Boileau, S. Maillot and J. Porti. Using two covering arguments we reduce the problem to Thurston's proof of his conjecture for Haken manifolds. One of the argument uses Gromov's simplicial volume.