

# Toral Rank Conjecture

**Giovanni Bazzoni**

The Toral Rank Conjecture (TRC) was stated over 30 years ago by S. Halperin and concerns the topology of a space endowed with a torus action. In this talk I will present TRC from different points of view, specially focusing on rational homotopy theory. If time permits, I will explain one simple case in which TRC holds true.