1016-13-56 **Fabrizio Zanello*** (zanello@math.kth.se), Department of Mathematics, Royal Institute of Technology (KTH), 100 44 Stockholm, Sweden. *My viewpoint on a particular case of the Multiplicity Conjecture.*

The purpose of the Multiplicity Conjecture (MC) is to relate two fundamental invariants of graded algebras: the multiplicity and the minimal free resolution.

Since its formulation in the late '90s (it is now pretty universally known as the "Herzog-Huneke-Srinivasan multiplicity conjecture"), a great deal of research has been done to attack the MC. However, so far a proof has only been obtained in few particular cases, and not a single counterexample has been found as to the moment I am writing this abstract.

I have recently focused my attention on the Multiplicity Conjecture for codimension 3 level algebras: in this talk I will briefly present my point of view on this particular case. (Received January 24, 2006)