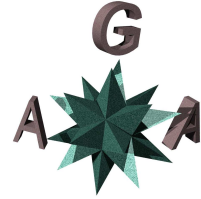




International conference on  
**MODULES AND REPRESENTATION THEORY**  
Cluj-Napoca, July 7 – 12, 2008



## The representation dimension of a finite dimensional algebra

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The representation dimension is a homological invariant which Auslander introduced in 1971. For many years, only some basic properties were known. For instance, Auslander proved that representation dimension less or equal 2 characterizes finite representation type. My talk provides a survey of some recent work which sheds some new light on this dimension. In particular, its geometric nature will be discussed.