1047-28-448 **Hrant Hakobyan*** (hhakob@math.toronto.edu), University of Toronto, Department of Mathematics, 40 St. George street, Toronto, Ontario M5S 2E4, Canada, and **Ilia Binder** (ilia@math.toronto.edu), University of Toronto, Department of Mathematic, 40 St. George str., Toronto, Ontario M5S 2E4. *Modulus of measures and conformal dimension.* Preliminary report.

Conformal diemnsion of a metric space X – Confdim$X$, is the infimum of quasisymmetric images of X. Tyson showed that curve families in X of positive modulus give lower bounds for Confdim$X$. We show that families of measures of positive modulus supported on certain Cantor sets in X also give lower bounds for Confdim$X$. This allows us to obtain new lower bounds for many self-affine spaces. (Received February 03, 2009)