1126-52-319   **John C. Bowers***, MSC 4103, James Madison Uiversity, 701 Carrier Dr, Harrisonburg, VA 22807, and **Philip L. Bowers** and **Kevin Pratt**. *Almost All c-Polyhedra are Rigid.*

Ma and Schlenker showed the first example of inversive distance circle packings on the sphere that are not globally rigid (i.e. two separate configurations exist with the same inversive distance data). This surprising result raises the question of whether any *flexible* inversive distance circle packings exist. In this work, we show that the set of rigid inversive distance circle packings (and the more general circle-polyhedra) is open and dense in the space of all circle-polyhedra. Our work follows a similar development in the theory of Euclidean polyhedra due to Gluck. (Received January 17, 2017)