1038-19-340Frank Quinn* (quinn@math.vt.edu), Frank Quinn, Math, Virginia Tech, Blacksburg, VA24061-0123. An approach to the Farrell-Jones conjecture.

I'll describe a construction that gives an equivalence between the K-theory of a finitely presented group and a controlled version. The controlled object may not be quite homology, and it involves a metric space derived from a universal finite-isotropy space in a funny way. Ideas about resolving these issues will also be discussed. (Received February 12, 2008)