1047-53-80 **Satyaki Dutta** and **Mohammad Javaheri*** (Mohammad.Javaheri@trincoll.edu), Department of Mathematics, Trinity College, 300 Summit Street, Hartford, CT 06106. *Rigidity of conformally compact manifolds with the round sphere as the conformal infinity.*

We prove that under a lower bound on the Ricci curvature and an asymptotic assumption on the scalar curvature, a complete conformally compact manifold whose conformal boundary is the round sphere has to be the hyperbolic space. It generalizes a previous result of Anderson which deals with the rigidity of AHE manifolds. (Received January 16, 2009)