1060-53-90   **Jacob Bernstein***, Stanford University, Dept. of Math., Bldg. 380, Stanford, CA 94305, and **Christine Breiner**, MIT, Dept. of Math., Bldg. 2, Cambridge, MA 02139. *The Asymptotic Geometry of Genus-g Helicoids.*

We discuss the problem of classifying the asymptotic geometry of complete, properly embedded minimal surfaces in R^3 with finite topology. We will focus on the case of surfaces with one end and sketch the tools needed to address this question – namely the theory of Colding and Minicozzi. (Received March 23, 2010)