1009-13-91　　　　　**Tracy Dawn Hamilton** and **Thomas Marley*** (`tmarley1@math.unl.edu`), Department of
Mathematics, University of Nebraska-Lincoln, Lincoln, NE 68588-0130. *The Cohen-Macaulay property for non-Noetherian rings.* Preliminary report.

In 1992 Sarah Glaz posed the question of whether there exists a definition of Cohen-Macaulay for non-Noetherian rings which coincides with the usual notion for Noetherian rings and such that every coherent regular ring is Cohen-Macaulay. In this talk we will present a definition having the above properties and discuss the passage of this property to localizations, polynomial ring extensions, and quotients by a regular sequence. (Received August 08, 2005)