1002-35-94 **ChangYou Wang*** (`cywang@ms.uky.edu`), Lexington, KY 40506. *The Comparsison Principle for Viscosity Solutions to Some Fully Nonlinear Subelliptic Equations on Carnot Groups.* Preliminary report.

In this talk, I will discuss the comparison principle for a class of fully nonlinear subelliptic equations on Carnot groups, which includes the horizontal infinity Laplace equations. Some applications will also be given. (Received September 07, 2004)