1093-16-87   **Linhong Wang*** (`lwang@selu.edu`), Department of Mathematics, SLU Box 10687, Southeastern Louisiana University, Hammond, LA 70402, and **Xingting Wang** (`xingting@uw.edu`), Department of Mathematics, University of Washington, Seattle, WA 98195. *Complete classification of pointed Hopf algebras of dimension p^2*. Preliminary report.

Let p be a prime. We complete the classification of pointed Hopf algebras of dimension p^2 over an algebraically closed field k. When char $k \neq p$, our result is the same as the well-known result for char $k = 0$. When char $k = p$, there are 14 types of pointed Hopf algebras of dimension p^2, including a unique noncommutative and noncocommutative type. (Received August 01, 2013)