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Yi-Lin Cheng* (ylincheng@gmail.com), Department of Mathematics, Austin Peay State University, and **Siu-Hung Ng** (rng@iastate.edu), Department of Mathematics, Iowa State University. *On Hopf algebras of dimension $4p$.*

We consider the classification of Hopf algebras of dimension pq^2 over an algebraically closed field where p, q are distinct primes. In this talk, we will show a non-semisimple Hopf algebra H of dimension $4p$ with p an odd prime is pointed if H contains more than two group-like elements. We also give the complete classification for non-semisimple Hopf algebras of dimension 20, 28 and 44. (Received January 19, 2011)