1030-16-283 Yevgenia Kashina* (ykashina@condor.depaul.edu), Department of Mathematical Sciences, DePaul University, Chicago, IL 60614. Semisimple Hopf algebras with large abelian groups of grouplikes.

In this talk we will consider semisimple Hopf algebras with abelian group of grouplikes G, such that G is large enough, for example, when the index [H : kG] = p is prime. We will discuss classification and properties of such Hopf algebras. (Received August 06, 2007)