1001-16-399 **Yevgenia Kashina*** (`ykashina@condor.depaul.edu`), Department of Mathematical Sciences, DePaul University, Chicago, IL 60614. *Groups of grouplikes of a semisimple Hopf algebra and its dual.* Preliminary report.

One of the mysteries in the classification theory of Hopf algebras is how the group of grouplike elements of a Hopf algebra is connected to the group of grouplikes of its dual. In this talk we will discuss this question, mainly in the case of dimension 2^n. (Received August 31, 2004)