1067-16-2356   **Yevgenia Kashina*** (`ykashina@depaul.edu`) and **Leonid Krop**. *On classification of certain abelian extensions.* Preliminary report.

This talk is based on joint work with Leonid Krop on classification of isomorphism types of a class of abelian extensions. We consider an abelian extension of a group algebra of a cyclic group of order 2 by a group algebra of an elementary abelian 2-group. In this talk we will describe the concrete Hopf algebra structures of such abelian extensions. (Received September 22, 2010)