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**Joseph B Timmer\*** (jtimme1@lsu.edu), 333 Lockett Hall, Department of Mathematics,  
Louisiana State University, Baton Rouge, LA 70803-4918. *Bismash Products and Exact  
Factorizations of  $S_n$ .*

With an exact factorization of a finite group  $L = FG$ , one may construct the bismash product Hopf algebra  $H = k^G \# kF$ . If one were to factor the symmetric group  $S_n = FG$ , the resulting Hopf algebras have some interesting properties; mostly concerning the indicator values of irreducible modules. In this talk, we present some new results concerning bismash products in general and for those that arise from exact factorizations of  $S_n$ . (Received September 16, 2014)