1128-81-148   **Chelsea Walton*** (`notlaw@temple.edu`), Temple University, Department of Mathematics, 1805 N Broad St, Philadelphia, PA 19122-6104. *Deformations of semisimple Hopf algebras.*

I will discuss the bi-Galois objects and cocycle deformations of the noncommutative, noncocommutative, semisimple Hopf algebras of odd dimension p^3 and of dimension pq^2. This is joint with Adriana Mejia Castano, Susan Montgomery, Sonia Natale, and Maria Vega. (Received February 23, 2017)