

1135-16-2694 **Maria D Vega*** (maria.vega@usma.edu), West Point, NY 10996. *Categorical twisted Frobenius–Schur indicators.*

Linchenko and Montgomery defined Frobenius–Schur indicators for semisimple Hopf algebras. More recently, they have been generalized to appropriate tensor categories by Mason, Ng, and Schauenberg. In this talk, I will discuss Frobenius–Schur indicators twisted by Hopf automorphisms. For groups, these were introduced by Bump and Ginzburg, building on earlier work of Mackey. I will also explain how the notion can be generalized to pivotal categories. This is joint work with D. Sage. (Received September 26, 2017)