1127-57-152 **Thomas Kerler*** (kerler.2@osu.edu) and **Qi Chen**. *Integrality and Gauge Dependence of Hennings TQFTs.*

We provide an overview of our construction of integral TQFTs over a general commutative ring, k, starting from a finite Hopf algebra over k which is Frobenius and double balanced. The examples of Borel parts of Lusztig's small quantum groups for all simple Lie types and k given by the cyclotomic integers are discussed. An explicit isomophism between TQFTs that stem from ribbon Hopf algebras related by a gauge twist in the sense of Drinfeld is established. Applications to specific situations are outlined. (To appear in Journal of Pure and Applied Algebra). (Received February 01, 2017)