1128-16-302   **Cris Negron*** (`negronc@mit.edu`). *Small quantum groups associated to Belavin-Drinfeld triples.* I will introduce the small quantum group associated to a simple Lie algebra L. This is a finite dimensional Hopf algebra introduced by Lusztig in the 90's. Small quantum groups have a number of fantastic properties, from a categorical perspective. (For example, they is factorizable and ribbon.) I will explain how decorations of the Dynkin diagram for L lead to new (non-isomorphic) Hopf algebras with the same fantastic properties. I will also also explain how these new Hopf algebras reflect previous quantization constructions for Lie bialgebras and Poisson groups, and fit into recent ideas about classifying "twists" of the small quantum group. (Received February 28, 2017)