1172-16-283   **Robert Laugwitz** and **Guillermo Sanmarco*** (`sanmarco@iastate.edu`). *Some non-semisimple modular categories constructed from super quantum groups.* Preliminary report.

We construct a class of super quantum groups associated to Nichols algebras of super type A and prove that their representation categories provide examples of non-semisimple modular tensor categories. The main tools come from recent work by Laugwitz-Walton, where braided Drinfeld doubles and relative monoidal centers are employed to construct such modular categories. (Received August 30, 2021)