1127-18-199   **Marcel Bischoff*** (`marcel.bischoff@vanderbilt.edu`). *Realizability of Tambara-Yamagami Categories by Conformal Nets.*

Chiral conformal field theory can be axiomatized by so-called conformal nets. Tambara-Yamagami categories are a certain class of $\mathbb{Z}/2\mathbb{Z}$-graded extensions of the category of G-graded vector spaces. Assuming that G is odd, I will show how all equivalence classes of Tambara-Yamagami categories and their doubles are realized as the category of (twisted) representation of conformal nets. (Received February 03, 2017)