1154-16-1226 **Jean Auger**, **Thomas Creutzig**, **Shashank Kanade** and **Matthew Rupert***, mrupert@ualberta.ca. *Braided Tensor Categories related to B_p Vertex Algebras.*

The B_p ($p \in \mathbb{Z}_{\geq 2}$) vertex operator algebras are important examples of logarithmic CFTs and appear as chiral algebras of type (A_1, A_{2p-3}) Argyres-Douglas theories. The first member of this series, the $\mathcal{B}_2$-algebra, are the well-known symplectic bosons also often called the $\beta\gamma$ VOA. I will discuss a construction of braided, rigid, non semi-simple tensor categories related to the B_p VOAs using their conjectural relation to the unrolled restricted quantum groups of $\mathfrak{sl}_2$. Simple and projective objects, and their tensor products are determined along with their Hopf links. The latter are succesfully compared to modular data of characters. (Received September 14, 2019)