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Michael Penn* (mpenn@randolphcollege.edu). *Permutation Orbifolds of Vertex Operator Algebras.*

Orbifolds are an important example of vertex operator algebras that have garnered significant attention recently. In this talk, we examine the permutation orbifolds of several vertex operator algebras, including the Heisenberg vertex algebra, rank one lattice vertex algebra, and the three fold tensor product of the universal Virasoro vertex algebra, including some coincidental isomorphisms as appropriate. We also present some results regarding the characters of the associated orbifolds. This is based on joint work with A. Milas and H. Shao. (Received September 15, 2019)