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Chongying Dong (dong@ucsc.edu), Math Department, UC Santa Cruz, 1156 High Street, Santa Cruz, CA 95064, **Feng Xu** (xufeng@ucr.edu), Math Department, UC Riverside, 900 University Avenue, Riverside, CA 92521, and **Nina Yu*** (ninay@ucr.edu), Math Department, 900 University Avenue, UC Riverside, Riverside, CA 92521. *Permutation orbifold of lattice vertex operator algebras*. Preliminary report.

The permutation orbifold study the permutation actions on the tensor products of vertex operator algebras. Namely, given a vertex operator algebra V , then tensor product of n -copies of V as a vector space naturally has a vertex operator algebra structure. Any element of the symmetric group S_n gives an automorphism of $V^{\otimes n}$ of finite order. The fixed points set is a vertex operator subalgebra which is called a permutation orbifold model. In this talk, I will talk about 2-cyclic permutation orbifold model of lattice vertex operator algebras. (Received January 12, 2016)