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**Maarten J Bergvelt\*** ([bergv@illinois.edu](mailto:bergv@illinois.edu)). *T-Generalized Vertex Algebras and Twisted Modules*. Preliminary report.

For every integral lattice  $Q$  there is a lattice vertex algebra  $V_Q$ . By (more or less) the same construction one can associate a generalized vertex algebra to the dual lattice  $Q^*$  (which is usually rational). This generalized vertex algebra contains, remarkably, all modules for  $V_Q$ .

In case  $V_Q$  has a finite order automorphism  $T$ , one can talk about  $T$ -twisted modules for  $V_Q$ . In this talk I will discuss the notion of a  $T$ -generalized vertex algebra, and the construction of a  $T$ -generalized vertex algebra associated to  $V_Q$  that contains all the  $T$ -twisted modules for  $V_Q$ .

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