

1135-VS-2632 **Matthew Krauel*** (krauel@csus.edu). *Congruence and noncongruence vector-valued modular forms in the theory of vertex operator algebras.*

That certain trace functions of vertex operators in the theory of vertex operator algebras (VOAs) are congruence vector-valued modular forms has long been conjectured and proved in many cases. However, the story when the trace functions are built from more general intertwining operators has received less attention. In this talk I will briefly discuss some results concerning congruence and noncongruence vector-valued modular forms occurring from minimal model VOAs. Familiarity with VOAs or modular forms is not required. (Received September 26, 2017)