



Speaker: Nathan VanDerWerf
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Tuesday, September 23, 2014
10:45 AM
129 DeBartolo Hall

Title: Introductory examples of vertex operator (super)algebras

Abstract:

We will discuss how vertex operator superalgebras can be constructed and introduce some basic examples of a few families of vertex operator superalgebras (VOSA). This list will include the VOA corresponding to \mathcal{d} free bosons, the VOSA corresponding to \mathcal{d} free fermions, and the VOA associated to a rank \mathcal{d} positive definite even lattice L . If time permits, we will introduce the notion of a module for a vertex operator superalgebra.