

BOSTON UNIVERSITY GEOMETRY AND PHYSICS SEMINAR

VOAS AND TWISTED CHERN-SIMONS-MATTER TQFTS

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CCDS 365, Mar 1, 2023, 4-5pm

Tea: 3:45pm in Room 365

Abstract: The rich interplay between three-dimensional topological quantum field theories (TQFTs) and vertex operator algebras (VOAs) has been a useful bridge to understanding aspects of both subjects. In this talk, I will describe some consequences of this relationship and will highlight new instances of this phenomenon arising from topologically twisted 3d N=4 gauge theories coupled to Chern-Simons gauge fields.

See <http://math.bu.edu/research/geom/seminar.html> or contact Yu-Shen Lin (yslin@bu.edu) or Brian Williams (bwill22@bu.edu) for more information.