

1122-17-203

Bojko Bakalov* (bojko_bakalov@ncsu.edu), Department of Mathematics, North Carolina State University, Raleigh, NC 27695. *Vertex operators in Gromov-Witten theory*. Preliminary report.

We first review the recent notion of a twisted logarithmic module of a vertex algebra, which provides an algebraic approach to the operator product expansion in logarithmic conformal field theory. Then we present a construction that associates such a module to any semisimple Frobenius manifold. The talk is based on a joint work in progress with Todor Milanov. (Received August 14, 2016)