KAIMING ZHAO, Wilfrid Laurier University Weight representations of higher rank Vorasoro algebras

In this talk, I will summarize results leading to the classification of irreducible weight modules with finite dimensional weight spaces over higher rank Virasoro algebra. The classification for such modules for rank one was given by O. Mathieu with a completely different approach in 1993.

This talk is based on a joint paper with R. Lu.