1067-14-656   **Angela Gibney*** (`agibney@uga.edu`), Department of Mathematics, University of Georgia, Athens, GA 30602, and **Valery Alexeev** and **David Swinarski**. *Conformal Blocks Divisors on* $\overline{M}_{0,n}$.

Given a simple Lie algebra $\mathfrak{g}$, a positive integer ℓ called the level, and an appropriately chosen n-tuple of dominant integral weights $\overline{\lambda}$ of level ℓ, one can define a vector bundle on the moduli spaces $\overline{M}_{g,n}$ whose fibers are the so-called vector spaces of conformal blocks. On $\overline{M}_{0,n}$, first Chern classes of these vector bundles turn out to be nef divisors. In this talk I will discuss the simplest examples of these divisors, and point out some of the interesting features about them discovered in joint work with Alexeev and Swinarski. (Received September 13, 2010)