1126-17-224   **Antun Milas***, SUNY-Albany, 1400 Washington Avenue, Albany, NY 12110. *Logarithmic Modules for Quantum Groups.* Preliminary report.

Motived by recent developments in logarithmic conformal field theory, we introduce a category of *logarithmic* modules for certain quantum groups at root of unity. This is a natural extension of the well-studied category of finite-dimensional *weight* modules. We will present several results on the structure of the logarithmic category for the unrolled quantum group of $\mathfrak{sl}_2$. Our results allow us to make prediction about categories of logarithmic modules for certain vertex algebras. (Received January 14, 2017)