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**Chad R Mangum\*** (cmangum@niagara.edu). *Twisted Toroidal Lie Algebras: Present and Future.*

The theory of Lie algebras, and specifically Lie algebra representation theory, has been significant in various areas of mathematics and physics for several decades. One important class of Lie algebras with many interesting open questions is that of twisted toroidal Lie algebras, which we view as universal central extensions of twisted multi-loop algebras. In this talk, we will discuss some recent advances in regards to presentations and representations of these algebras, followed by thoughts about potential future directions in this field which are of particular interest. (Received September 25, 2018)