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**Jie Sun\*** ([sjie@mtu.edu](mailto:sjie@mtu.edu)), Mathematical Sciences, Michigan Technological University, Houghton, MI 49931. *Twisted current algebras and their universal central extensions.*

Twisted current algebras are fixed point subalgebras of tensor products of Lie algebras and associative algebras under finite group actions. Examples of twisted current algebras include multiloop Lie algebras, twisted forms and equivariant map algebras. In this talk, central extensions of twisted current algebras are constructed and conditions are found under which the construction gives universal central extensions of twisted current algebras. (Received August 29, 2016)