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**Alex Weekes\*** ([alex.weekes@gmail.com](mailto:alex.weekes@gmail.com)), Room 6290, 40 St. George Street, Toronto, Ontario M5S 2E4, Canada. *Truncated shifted Yangians*. Preliminary report.

We will give an overview of the on-going study of algebras called "truncated shifted Yangians". These algebras arise as quantizations of slices in the affine Grassmannian, and have strong ties to the representation theory of simple Lie algebras. We will give some results and conjectures about the highest-weight theory of these algebras and links to quiver varieties. (Received August 10, 2015)