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Alistair Savage* (alistair.savage@uottawa.ca), Department of Mathematics & Statistics,
University of Ottawa, 585 King Edward Ave, Ottawa, Ontario K1N 6N5, Canada. *Quiver
Grassmannians*. Preliminary report.

We introduce the notion of a quiver Grassmannian, which is the space of graded, invariant subspaces of a fixed representation of a quiver. We will discuss connections of the quiver Grassmannian with the representation theory of Kac-Moody algebras and combinatorial representation theory. (Received February 03, 2009)