1024-17-231   **Alistair Savage***, Department of Mathematics and Statistics, University of Ottawa, 585 King
                     Edward Ave, Ottawa, Ontario K1N 6N5, Canada. *Recent developments in the theory of quiver
                     varieties.*

The quiver varieties of Lusztig and Nakajima provide geometric realizations of Kac-Moody algebras and their representations as well the corresponding crystal bases (certain combinatorial models for these algebraic objects). We will discuss some current advances in this field. (Received January 09, 2007)