

Queen's Algebraic Geometry — Seminar —

MODULES OVER ALGEBRAIC QUANTIZATIONS AND REPRESENTATION THEORY

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Abstract

Recently, there has been a great deal of interest in the theory of modules over algebraic quantizations of so-called symplectic resolutions. In this talk I'll discuss some new work — joint, and very much in progress — that open the door to giving a geometric description to certain categories of such modules; generalizing classical theorems of Kashiwara and Bernstein in the case of D -modules on an algebraic variety.

Monday 22 October 2012
16:30 – 17:30
319 Jeffery Hall