Department of Mathematics and Statistics

Colloquium Announcement

Thursday
February 2, 2017
University of Saskatchewan

ARTS Building
Room 217
3:30 PM

Stacky Resolutions, Invariant Theory, and Hodge Theory

Guest Speaker: **Dr. Matthew Satriano,** University of Waterloo

Abstract:
No prior knowledge of stacks will be assumed for this talk. We discuss a class of singular varieties that have ca- nonical ``resolutions of singularities'' by smooth stacks. We explain what is known about the existence of such stacky resolutions, and give applications to invariant theory and Hodge theory.

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