Minimal rational curves on group compactifications

Michel Brion (Institut Fourier, France)

Abstract:

We discuss the problem of describing the families of minimal rational curves on a projective manifold X on which an algebraic group G acts with an open orbit. We present a solution in the case where G is semi-simple and X is toroidal, based on joint work with Baohua Fu (arXiv:1503.02275).