# Morita equivalence of vector bundles

## Cristián Ortiz [1], Matias del Hoyo[1]

[1] Universidade Federal Fluminense

The talk will discuss a notion of Morita equivalence of vector bundles over Lie groupoids as models for vector bundles over differentiable stacks (e.g. orbifolds). We will present applications of this concept to different settings, including: representation theory, symplectic geometry and deformation theory.