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*Picard Groups of Holomorphic Poisson Manifolds*

Poisson manifolds are the infinitesimal objects associated to symplectic groupoids, which can be thought of as presentations of 1-shifted symplectic stacks. The symplectic automorphisms of this stack therefore give an invariant of the Poisson manifold, called its Picard group. In this talk I will introduce the Picard group of a holomorphic Poisson manifold and show how we can use tools from deformation theory to describe this group as a moduli space.