Deformation of symplectic groupoids

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In this talk I will show how to adapt Moser's deformation argument to the context of symplectic groupoids. In particular, I will describe how the Bott-Shulman cohomology is the relevant cohomology theory controlling deformations of symplectic groupoids. Moreover, I will explain a map which relates the differentiable cohomology to the deformation cohomology of the (symplectic) Lie groupoid and show how it relates to an analogous map defined by Crainic and Moerdijk which maps the Poisson cohomology of a Poisson manifold to the deformation cohomology of its underlying Lie algebroid.