

Shifted symplectic structures on differentiable stacks

Cristian Ortiz

IME USP

Abstract

In this talk I will explain the notion of n -shifted symplectic structure on a stack presented by a Lie groupoid. After discussing the main examples, we will see how Dirac Geometry appears in connection with the description of certain Lagrangian structures in 1-shifted symplectic stacks. The talk is based on ongoing work joint with G. Ginot and D. Stefani.