
TRAVIS LI, University of Toronto
Construction of symplectic groupoids

The notion of symplectic groupoids was introduced in the 80's to study Poisson geometry. While this program has been successful, there are relatively few explicit examples. I will introduce a new method of constructing Lie groupoids as co-products of manifolds. We then apply this method to construct the symplectic groupoids of a class of Poisson manifolds known as log symplectic manifolds. This is joint work with Marco Gualtieri.