

Seminari de Geometria Algebraica 2015/2016 (UB-UPC)

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<http://www.ub.edu/sga/>

Rigidity of momentum maps

Chiara Esposito

Universität Würzburg

In this talk we introduce the notion of momentum map in two different settings, the canonical one of Lie groups acting on Poisson manifolds and a possible generalization to a Poisson Lie group actions. The rigidity of the momentum map is a very important property which tells us how much we can deform it. We will present the rigidity of momentum maps in both settings and discuss the possible open questions.
