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**Ioan Marcu\*** ([math@illinois.edu](mailto:math@illinois.edu)), Urbana, IL 61801. *A rigidity result in Poisson geometry.*

The structure of Poisson manifolds is highly nontrivial even locally. The first difficult result in this direction is Conn's linearization theorem around fixed points.

In my talk I will explain a local rigidity result for Poisson structures that are integrable by a symplectic groupoid whose s-fibers are compact and have trivial second cohomology.

Around fixed points, this result immediately implies Conn's theorem; similarly, around arbitrary symplectic leaves, it can be used to reprove the local normal form theorem. If time permits, I will explain also how this result can be used to compute Poisson-moduli spaces around certain Poisson structures. (Received August 26, 2013)