

## Stability of symplectic leaves

Rui Loja Fernandes

A symplectic leaf  $S$  of a Poisson structure is called stable (resp. strongly stable) if every nearby Poisson structure has a nearby symplectic leaf diffeomorphic (resp. symplectomorphic) to  $S$ . In this talk I will describe joint work with Marius Crainic (Utrecht) where we give criteria for stability.