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**Josef G Dorfmeister\*** ([josef.dorfmeister@ndsu.edu](mailto:josef.dorfmeister@ndsu.edu)). *Existence and Stability of Symplectic Configurations.*

Pseudoholomorphic curve techniques have been very successful at producing symplectic submanifolds (or configurations thereof) in particular for GW-effective classes. However, when considering curves of negative self-intersection, in particular in rational and ruled manifolds, many of these techniques are not applicable.

In this talk I will describe some recent results for negative curves in symplectic 4-manifolds. (Joint work with Tian-Jun Li and Weiwei Wu) (Received August 26, 2016)