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**Andres A Contreras\*** ([contrera@math.mcmaster.ca](mailto:contrera@math.mcmaster.ca)), **Stanley Alama**, **Lia Bronsard** and **Dmitri Pelinovsky**. *Domain walls in coupled NLS systems*.

Through a variational approach, we study domain walls that arise in many relevant physical systems. Our study considers questions of stability and persistence under a small localized potential. This is joint work with Alama, Bronsard and Pelinovsky. (Received January 28, 2014)