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***Title:** Asymptotic stability for the gradient flow of some nonlocal energies*

Abstract: I will start by discussing some recent results on the asymptotic stability of the H^{-1} -gradient flow of the perimeter, the so called surface diffusion. Then I will consider the H^{-1} -gradient flow of some energy functionals given by the area of an interface plus a non local volume term. This is a joint work with E. Acerbi, V. Julin and M. Morini
