

## Global estimates and energy identities for elliptic systems with antisymmetric potentials

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*The talk is based on the joint work with Ben Sharp (Imperial College London)*

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In this talk I will explain a new global estimate for elliptic systems with antisymmetric potentials in critical scale invariant function spaces. The result applies for example to harmonic maps into general target manifolds and surfaces of prescribed mean curvature. Moreover, I will explain how this estimate implies new energy identities for sequences of solutions.