

title: The Ruijsenaars self-duality map as a mapping class symplectomorphism

abstract: We explain that the self-duality symplectomorphism of the completely integrable compactified trigonometric Ruijsenaars-Schneider system arises from the natural action of the mapping class group on the moduli space of flat $SU(n)$ connections on the one-holed torus. The talk is based on joint work with C. Klimcik reviewed in [arXiv:1203.3300](https://arxiv.org/abs/1203.3300).