Dynamics on Maslov S^1-Bundles

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By saying Maslov S^1-bundle over a symplectic manifold (M, ω) we mean the determinant bundle of the unitary frame bundle of an almost complex structure compatible with the symplectic structure.

In this talk we will take a look at some interesting properties related to this bundle with dynamics on M. This is joint work with Konstantinos Efstathiou and Holger Waalkens.