

Stanford Department of Mathematics Colloquium

Thursday, January 28
4:15 p.m.
Bldg. 380, Room 380-W.

Function theory on symplectic manifolds

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Abstract

It has been recently observed that function spaces associated to a symplectic manifold exhibit unexpected properties and surprising structures, giving rise to new tools and intuition in symplectic topology. In the talk I shall discuss these developments, as well as links to other subjects such as group theory, Lie algebras, and the quantum-classical correspondence. The talk is based on a series of joint works with Michael Entov.

<http://math.stanford.edu/coll/0910/>