

SCGP Weekly Talk

Tuesday, January 30 · 1:15 – 2:15pm, Room 102

Speaker: David Nadler

Title: Dequantizing symplectic geometry

Abstract: Recent decades have seen the introduction and development of powerful quantum tools in symplectic geometry including Floer homology, Fukaya categories, generating functions, and sheaf theory. More and more, these tools are now being applied back to classical problems such as the classification of Weinstein manifolds and Lagrangian submanifolds. Of this broad landscape, I will focus on some specific instances that are particularly accessible and interface with many other subjects.