

# Seminar

**Tom Baird,  
Memorial University**

**Wednesday, January 30, 2013  
4:00p.m., HH-3013**

*Symplectic Geometry and Quantum Field Theory I*

## **Abstract:**

The first of two or three expository lectures on symplectic geometry, hamiltonian actions, and Yang-Mills theory in two dimensions. This first lecture will discuss the Exact Stationary Phase Theorem of Duistermaat-Heckman and the Non-Abelian Localization Theorem of Jeffrey-Kirwan-Witten.