# SCMS Colloquium

## *REGULARITY OF HAMILTONIAN STATIONARY LAGRANGIAN SUBMANIFOLDS IN A SYMPLECTIC MANIFOLD*

**Speaker: Jingyi CHEN**

**University of British Colombia**

**Time**：**Mon, Nov 14th, 9:00-10:00**

**Venue**：**ZoomID: 869 6813 6605,　Password**：**200438**

**Abstract:** We prove a C^1 regular Hamiltonian stationary Lagrangian submanifold in a symplectic manifold is smooth. We achieve this by developing an elliptic theory for the fourth order equation in a double divergence form.