

THE UNIVERSITY



OF HONG KONG

*Institute of Mathematical Research
Department of Mathematics*

GEOMETRY SEMINAR

Floer cohomology for immersed exact graded Lagrangians

Professor Garrett Alston

The Chinese University of Hong Kong

Date: October 7, 2013 (Monday)

Time: 3:30 – 4:30pm

Venue: Room 210, Run Run Shaw Bldg., HKU

Abstract

Following ideas of Biran-Cornea, Seidel, and Abouzaid, I will explain how to define Floer cohomology for immersed Lagrangians in terms of the Morse complex and pearly moduli examples. I will illustrate this with a calculation of Floer cohomology of immersed spheres in smoothings of A_n spaces.

All are welcome