#### DIFFERENTIAL GEOMETRY/PDE SEMINAR

### Wednesday, April 24, 2013 Padelford C-36 3:50PM-5PM

# Compact manifolds with non-negative quadratic orthogonal bisectional curvature

## Albert Chau

### (UBC)

I will discuss the classification of compact Kahler manifolds with non-negative quadratic orthogonal bisectional curvature. An overview will be given in the cases of bisectional and orthogonal bisectional curvature. The case of quadratic orthogonal bisectional curvature will then be discussed including splitting theorems and the curvature of Kahler C-spaces. The talk is based on joint work with L.F. Tam.

For more information about this seminar, visit the DG/PDE Seminar Web page (from the Math Department home page, www.math.washington.edu, follow the link Seminars, Colloquia, and Conferences).

The University of Washington is committed to providing access, equal opportunity and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request disability accommodation contact the Disability Services Office at least ten days in advance at: 206-543-6450/V, 206-543-6452/TTY, 206-685-7264 (FAX), or dso@u.washington.edu.