

DIFFERENTIAL GEOMETRY/PDE SEMINAR

WEDNESDAY, NOVEMBER 5, 2014

PADEL FORD C-36

4PM–5PM

Radially symmetric solutions to the graphic Willmore surface equation

Yuxiang LI

(TSINGHUA U/UBC)

We will show that a radially symmetric solution to the graphic Willmore surface equation is either a constant or the defining function of a half sphere in R^3 . In addition, we will classify all the radially symmetric graphic Willmore surfaces which have bounded Willmore functional.

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.