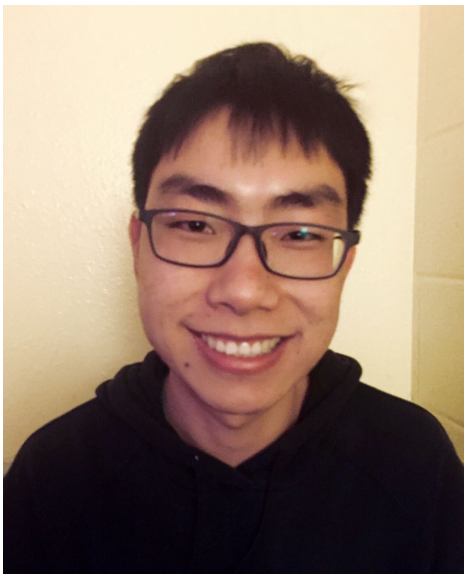
Colloquium

University of Notre Dame
Department of Mathematics

Speaker: Hui Yu

Columbia University



Will give a lecture entitled

Singular sets in obstacle problems

Date: Monday, January 27, 2020
Time: 4:00 PM
Location: 229 Hayes-Healy Hall
Departmental Tea: Tea in Room 257 (lounge in Hurley Hall) at 3:30 p.m.

Abstract:

One of the most important free boundary problems is the obstacle problem. The regularity of its free boundary has been studied for over half a century. In this talk, we review some classical results as well as exciting new developments. In particular, we discuss the recent resolution of the regularity of the singular set for the fully nonlinear obstacle problem. This talk is based on a joint work with Ovidiu Savin at Columbia University.

Hui Yu - Columbia University