THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY

Department of Mathematics

SEMINAR ON PDE

Stability of Sobolev Inequalities and Related Topics

By

Prof. Juncheng WEI
University of British Columbia

Abstract

In this talk I will discuss the stability of Sobolev inequalities from critical point theory, thereby solving a conjecture of Figalli-Glaudo. I will also report related surprising results on harmonic map inequalities and half-harmonic map inequalities.

Date : 19 November 2021 (Friday)

Time : 9:00am

Zoom Meeting : https://hkust.zoom.us/j/94262223505 **(Passcode: 176052)**

All are Welcome!