

# 学术报告

Curvature Estimates for Finite Morse Index  
Solutions and Applications

**Professor Juncheng Wei**

The University of British Columbia

**Time:** 15:30-16:30, May 16 (Wednesday) 2018

**Venue:** Room 108, Center for Applied Mathematics

**Abstract:** I will present several recent results on curvature estimates of stable or finite Morse index solutions to Allen-Cahn equation. As applications, we show that in  $\mathbb{R}^2$  finite Morse index solutions are finite ended; and in  $\mathbb{R}^n$ ,  $n \leq 10$  stable solutions have multiplicity one. (Joint work with Kelei Wang.)

欢迎大家参加！