# The Hong Kong University of Science and Technology

# Department of Mathematics

# Seminar on PDE

## On weak type-(1, 1) estimates

By

# Prof. Hongjie DONG

**Brown University**

## Abstract

In this lecture, I will present some recent work on $C^1$, $C^2$, and weak type-(1, 1) estimates for linear elliptic operators with coefficients under a condition which is weaker than the classical Dini continuity condition. Both interior and boundary estimates will be discussed. Joint work with Seick Kim and Luis Escauriaza.

*Date :*         *Wednesday, 2 August 2017*

*Time:*         *11:00 a.m. – 12:00 p.m.*

*Venue:*        *Room 3472, Academic Building*
                *(near Lifts 25&26), HKUST*

# All are welcome!