



**The Hong Kong University of Science and Technology**

**Department of Mathematics**

**Seminar on Geometry**

**A correspondence result of  
stable sheaves and stable pairs**

by

***Prof. Jason LO***

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**Abstract**

Polynomial stability is a type of stability that is more general than Bridgeland stability, and has been successfully used in the study of counting invariants. In this talk, I will discuss two different polynomial stability conditions on an elliptic threefold, and how the corresponding stable objects may be 'exchanged' by a Fourier-Mukai transform.

**Date : Monday, 20 May 2019**

**Time: 10:00 a.m. - 11:00 a.m.**

**Venue: Room 4472, Academic Building  
(near Lifts 25-26), HKUST**

***All are welcome!***