THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY

Department of Mathematics

ALGEBRA AND GEOMETRY SEMINAR

Mathematical approaches to the BCOV's conjectures

by

Prof. Shuai Guo
Peking University

Abstract

In this talk, I will try to explain the mathematical approaches to the BCOV's conjectures. I will review the definition of NMSP theory, and how to use it to calculate the Gromov-Witten potential for the quintic threefold and the Calabi-Yau hypersurface in P2 x P2.

Date : **18 April 2024 (Thursday)**

Time : **4:30pm – 5:30pm**

Venue : **Room 3598 (Lifts 27/28)**

All are Welcome!