



THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF MATHEMATICS

MATHEMATICS COLLOQUIUM

**Computing higher genus Gromov-Witten invariants
of compact Calabi-Yau 3-fold**

By

Prof. Yongbin RUAN
Zhejiang University

Abstract

The computation of the higher genus Gromov-Witten invariants of compact Calabi-Yau 3-fold has been a central and yet difficult problems in geometry and physics. During last a few years, a dramatic progress has been achieved. In the talk, I will survey the developments.

Date : 17 February 2023 (Fri)

Time : 3:00pm

Venue : Lecture Theater F (Lifts 25/26)

All Are Welcome!