



THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY

Department of Mathematics

ALGEBRA AND GEOMETRY SEMINAR

**Mirror symmetries for parabolic Hitchin systems,
from classical to global, II**

by

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Abstract

In the second talk, I will focus on the moduli space of parabolic Higgs bundles of type B and C. With the mirror pair of parabolic structures (or nilpotent orbits), I will briefly explain how to prove SYZ and topological mirror symmetries. The main ingredient here is the local parabolic Higgs bundles, which serve as a bridge between classical and global. This talk is based on the in-progress joint work with X. Su, B. Wang, and X. Wen.

Date : 15 November 2023 (Wednesday)

Time : 3:00pm – 4:30pm

Venue : Room 3598 (Lifts 27/28)

All are Welcome!