



# ALGEBRA AND GEOMETRY SEMINAR

The Hong Kong University of Science and Technology  
Department of Mathematics

## Remodeling conjecture with primaries, descendants, and multiple branes

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The remodeling conjecture equates the topological recursion and all-genus Gromov-Witten theory of a toric Calabi-Yau 3-fold. I will report our series of works on the remodeling conjecture involving the open-closed Gromov-Witten invariants on multiple inner and outer branes, with primary and descendant insertions. This talk is based on works with Chiu-Chu Melissa Liu, Song Yu, and Zhengyu Zong.

Room 2126D (Lift 19) Thu, Apr 23, 2026 04:00 PM

