

# 國立清華大學數學系學術演講

## NTHU MATH Colloquium

講題 Counting phylogenetic networks via bijective proof

講者 余冠儒 教授 (高師大數學系)

時間 2023.03.27 (Mon.) 16:20 – 17:20

地點 第三綜合大樓**2樓 Room 201** (請同學配戴口罩)

茶會 15:00, Room 707

### Abstract

Bijjective proofs are widely used in combinatorial counting problems. In this talk, I will show some results of using bijective proofs to count phylogenetic networks (tree-child networks and ranked tree-child networks).

The talk is based on joint work with Alessandra Caraceni (Scuola Normale Superiore), Michael Fuchs (National Chengchi University) and Louxin Zhang (National Singapore University).