

國立政治大學應用數學系

Department of Mathematical Sciences, National Chengchi University

2020 One Day Workshop on Analytic and Enumerative Combinatorics

Speaker: Michael Fuchs (國立政治大學應用數學系)

Title: Towards an enumeration theory for phylogenetic networks
- a progress report

Time: (未定), Friday, October 30, 2020

Venue: Room 070221, 2F, Zhi Xi Building(志希樓 2 樓 E 化教室)

Abstract

In recent decades, phylogenetic networks have replaced phylogenetic trees in many applications in biology. In this talk, we will introduce some of the major classes of phylogenetic networks and will report on our recent efforts to count them. Moreover, we will also outline what is still open and which problems we plan to tackle in the near future.