

# 中央研究院數學研究所

Institute of Mathematics, Academia Sinica

## Taipei Postdoc Seminar

**Speaker** : 余冠儒 Guan-Ru Yu

(中研院統計所 Institute of Statistical Science, Academia Sinica)

**Title** : Bijections for Ranked Tree-Child Networks

**Time** : 14:00 - 15:00, Wednesday, May 19, 2021

**Venue** : Lecture Hall 5F, Cosmology Building (NTU Campus) 次震宇宙館 五樓演講廳

**Abstract** :

The class of ranked tree-child networks, certain tree-child networks with a fixed embedding into the plane, has recently been introduced by Bienvenu, Lambert, and Steel. We derived counting results for this class. In this talk, I will give bijective proofs of three of their results. Two of our bijections answer questions raised in their paper. This is joint work with Alessandra Caraceni (Scuola Normale Superiore di Pisa, Italy) and Michael Fuchs (National Chengchi University, Taiwan).

**Organizer** : Wei-Bo Su (Academia Sinica), Peng-Jie Wong (National Center for Theoretical Sciences)

[https://www.math.sinica.edu.tw/www/file\\_upload/conference/2016TPS/index.html](https://www.math.sinica.edu.tw/www/file_upload/conference/2016TPS/index.html)

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