



中央研究院生物多樣性研究中心

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# Unraveling the Emergent Properties of Plant-Microbe Symbiosis and Community Assembly within an Eco-Evolutionary Context



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**Time: 2025. 03. 24 Mon. 15:30**

**Venue: Auditorium, 1st Floor,**  
**Interdisciplinary Research Building**  
**跨領域科技研究大樓1樓演講廳**

**Host: Dr. Yin-Ru Chiang 江殷儒研究員**

Terrestrial Biodiversity and Ecosystems



## Abstract

Nearly all organisms coexist within diverse communities that intricately connect them through a web of ecological and evolutionary interactions—collectively referred to as the eco-evolutionary context. In this talk, I will delve into how embracing this complexity leads to valuable insights into the emergence of ecosystem functions and properties. I will provide two illustrative examples: the predictive assembly of multispecies microbial communities and a plant-microbe symbiosis characterized by both mutualistic and antagonistic interactions.

