

# 國立清華大學數學系學術演講

## NTHU MATH Colloquium

講題 Applications of blow-up algebras

講者 Prof. Kuei-Nuan Lin  
(Penn State Greater Allegheny)

時間 2023.03.13 (Mon.) 16:00 – 17:00

地點 第三綜合大樓**2樓 Room 201** (請同學配戴口罩)

茶會 15:30, Room 707

### **Abstract**

In this talk, we will define what is a blow-up algebra. We will see all kind of applications of blow-up algebras including chemical reaction network, geometry modeling, and permutation statistics. We will see that this topic has many wide open questions.