

# NTU Mathematics Colloquium

**演講者** : Prof. Chun Liu 柳春 教授 (Illinois Institute of Technology)

**講題** : General Diffusion and Transport in Biology and Chemistry

**時間** : 2019年12月30日 (星期一) 14:00-15:00

**地點** : 臺灣大學天數館 202 室

**摘要** : Almost all biological activities involve transport and distribution of ions and charged particles. The complicated coupling and competition between different ionic solutions in various biological environments give the intricate specificity and selectivity in these systems. In this talk, I will introduce several extended general diffusion systems motivated by the study of ion channels and ionic solutions in biological cells. In particular, I will focus on the interactions between different species, the boundary effects and in many cases, the thermal effects.

**茶會** : 15:00-15:30

相關事宜請與顏湘伶小姐聯絡 Tel:(02)3366-2822 歡迎上網查詢 網址：<http://www.math.ntu.edu.tw>



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