

NTU Applied Mathematics Colloquium

演講者：Professor Kwan-Liu Ma 馬匡六 (University of California at Davis)

講題：Data Driven Discovery and Storytelling using Visualization

時間：2019年5月15日 (星期三) 12:20-13:30

地點：臺灣大學天數館 202 室

摘要：Advanced computing and imaging/sensing technologies enable scientists to study complex phenomena at unprecedented precision, resulting in an explosive growth of data. The size of the collected information about the Internet and mobile device users is expected to be even greater, a daunting challenge we must address in order to make sense and maximize utilization of all the available information. Visualization transforms large quantities of, often multiple-dimensional, data into graphical representations that exploit the high-bandwidth channel of the human visual system, leveraging the brain's remarkable ability to detect patterns and draw inferences. It has thus become an indispensable tool in many areas of study involving large, complex data. I will present several effective visualization designs as either exploratory or explanatory tools for large data found in real-world applications.

相關事宜請與顏湘伶小姐聯絡 [Tel:\(02\)3366-2822](tel:023366-2822) 歡迎上網查詢 網址：<http://www.math.ntu.edu.tw>



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