

Seminar Information

Date: Thursday, 12th April, 2018

Time: 15:00-16:00

Place: 7F Seminar Room, CDB Bldg. A, Kobe

(There will be a TV broadcast at 1F Lounge, QBiC Bldg. A, Osaka)



Speaker: **Kwan-Liu Ma** PhD

Professor, University of California at Davis

Title: **Visualization: An Essential Tool for Scientific Discovery and Storytelling**

Abstract:

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 an exploratory or explanatory tool for large data found in real-world applications with a focus on fusion science, marine science, and network science data.

Host: Shuichi Onami

Laboratory for Developmental Dynamics

sonami[at]riken.jp

(replace [at] with @)