

交通大學數學建模與科學計算研究中心

Center of Mathematical Modeling and Scientific Computing, NCTU

# 2014 CMMSC Short Course on The Massive Data Analysis

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(I) 5/20 15:30-16:30pm

(II) (III) 5/21 13:30-15:30pm

交通大學科學一館307室

## Topics :

(I) : Graph Laplacian, diffusion maps and its generalization like connection graph Laplacian and vector diffusion maps

(II) : Asymptotical analysis of these algorithms, including noise analysis if time permits

(III) : Applications to a special diffractive imaging problem, ptychographic imaging problem, and others if time permits

More events, please see [http : //www.cmmsc.nctu.edu.tw](http://www.cmmsc.nctu.edu.tw)