

# Joint CQSE and CASTS Seminar

Weekly Seminar  
Dec. 2, 2016 (Friday)

TIME Dec. 2, 2016, 14:30 ~ 15:30  
TITLE Use of network & whole-genome data in biomedicine - cancer, stem cell, aging, Alzheimer's  
SPEAKER Prof. H.C. Paul Lee  
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Department of Biomedical Sciences & Engineering, National Central University  
PLACE Rm716, CCMS & New Physics Building, NTU

## Abstract

Advances in biotechnology, especially technology to measure massive amounts of DNA sequences quickly, have, through the taking of digital whole-genome snapshots of the cell, opened the field of computer based studies of cell activity, including studies of topics in biomedicine. Here, we report results from the application of network theory in the analysis of whole-genome data associated with cancer, cancer stem cell, aging, and Alzheimer's disease.

