

*For favour of posting*

DEPARTMENT OF STATISTICS AND ACTUARIAL SCIENCE  
THE UNIVERSITY OF HONG KONG

Departmental Seminar

**Dr. Hao CHEN**

CEO, Insight Medical Technology, Ltd.

will give a talk  
entitled

**DEEP LEARNING FOR LARGE-SCALE COMPUTATIONAL  
PATHOLOGY**

**Abstract**

Deep learning represents data with multiple levels of abstraction and has dramatically improved the state-of-the-art in many domains including speech recognition, visual object recognition and natural language processing. Despite its breakthroughs in above domains, its application to large-scale and high-throughput histology image analysis remains to be under-explored. This talk will share our recent studies on developing state-of-the-art deep learning methods including ScanNet, Fast Scannet, and weakly multi-instance supervised learning for fast and accurate large-scale histology image analysis, with an in-depth dive into several cancer applications.

on

**Friday, November 29, 2019**

*(Refreshments will be served from 1:45 p.m. outside Room 301 Run Run Shaw Building)*

**2:00 p.m. – 3:00 p.m.**

at

**Room 301, Run Run Shaw Building**

**Visitors Please Note that the University has limited parking space. If you are driving please call the Department at 3917 2466 for parking arrangement.**

All interested are welcome