



DEPARTMENT OF COMPUTER SCIENCE

**SEMINAR** 

**2023 SERIES** 

## Adversarially Robust Deep Neural Networks

**DATE & TIME** 

29 SEP 2023 (FRI) 11:30 AM - 12:30 PM

## VENUE

WLB 210, The Wing Lung Bank Building for Business Studies, Shaw Campus



## **PROF. CHANG XU**

Senior Lecturer School of Computer Science University of Sydney

## ABSTRACT

New deep learning techniques keep improving accuracy on many benchmark tasks. However, deep neural networks' weaknesses have been criticized for a while. As we chase higher accuracy, we must also think about balancing accuracy and robustness. In this talk, I'll present our recent work on making neural networks more resistant to attacks. We're asking: if we have a well-trained accurate neural network, how can we make it tougher



**Enquiries:** 3411-2385 **Email:** comp@comp.hkbu.edu.hk **Website:** https://bit.ly/bucs-events