



香港中文大學工程學院 主辦

日期： 2019年3月29日（星期五）
 地点： 复旦大学浦东新区张衡路825号微电子楼369室
 时间： 15:00 – 16:00
 主持人： 复旦大学微电子学院 杨帆教授
 演讲人： 余备 (计算机科学与工程学系助理教授)



Title:

Accelerating Deep Convolutional Network Inference

Abstract:

Deep neural networks (DNNs) have achieved significant success in a variety of real world applications. However, tons of parameters in the networks restrict the efficiency of neural networks due to the large model size and the intensive computation. To address this issue, various compression and acceleration techniques have been investigated. In this talk I will introduce state-of-the-art techniques in DNN accelerating techniques from the following two perspectives: 1) how we can accelerate accurate DNN inference; 2) how we can accelerate inaccurate DNN inference.

Bio:

Prof. Bei Yu received his Ph.D degree from University of Texas at Austin in 2014. He is currently an Assistant Professor in the Department of Computer Science and Engineering, The Chinese University of Hong Kong. He has served in the editorial boards of Integration, the VLSI Journal, IET Cyber-Physical Systems: Theory & Applications, and Editor-in-Chief of IEEE TCCPS Newsletter. He has received five Best Paper Awards from Integration, the VLSI Journal in 2018, ISPD 2017, SPIE Advanced Lithography Conference 2016, ICCAD 2013, and ASPDAC 2012, four other Best Paper Award Nominations at ASPDAC 2019, DAC 2014, ASPDAC 2013, ICCAD 2011, and five ICCAD/ISPD contest awards.

夏令营日期：2019年7月8日至12日(星期一至五)
 地点：香港中文大学校园

截止报名日期
2019年4月24日 (星期三)

- 为有意报名入读本校**2020秋季入学**博士生申请人而设
- 介绍工学院的研究范畴、实验室及研究设施，与本院师生深入交流
- 获取博士生入学面试机会
- 获选香港博士生奖学金的同学将获得每月港币25100元的博士生工资
- 于中大校园内的免费六晚住宿 (7月7-13日), 以及交通津贴港币1500元



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