

北京大学前沿计算研究中心第五届青年论坛

The 5th Youth Forum on Frontiers of Computing

Hosted by Center on Frontiers of Computing Studies (CFCS), Peking University

2020年4月5日, 线上论坛

April 5th, 2020, Online Forum

AGENDA

OPENING Chair: Baoquan Chen, Executive Director, CFCS		
09:00-09:10	Opening Remarks & Introduction of CFCS	Baoquan Chen, Executive Director, CFCS
09:10-10:10	Keynote: The Challenge of Good Documentation for Machine Learning Software	Daniel Povey, Chief Voice Scientist, Xiaomi/Founder of Kaldi
SESSION A Chair: Xiaotie Deng & Hao Dong, CFCS		
10:10-10:40	Towards Intelligent Healthcare: Medical Image Analysis and Reconstruction with Deep Learning	Lequan Yu, Stanford University
10:40-11:10	Error-Mitigated Quantum Computing with Near-Term Quantum Hardware	Xiao Yuan, Stanford University
11:10-11:20	BREAK	
11:20-11:50	Close the Loop Between Language and Vision for Embodied Agents	Xin Wang, University of California, Santa Barbara
11:50-12:20	Towards Robust 3D Human Pose Estimation and Tracking in Crowded Scenes	Name withheld on request
12:20-14:00	LUNCH & BREAK	
SESSION B Chair: Yuqing Kong & Yizhou Wang, CFCS		
14:00-14:30	Improving Policy Optimization: Algorithms and Foundations	Baoxiang Wang, the Chinese University of Hong Kong
14:30-15:00	Fairness in Automated Decision-Making Tasks	Lingxiao Huang, Yale University
15:00-15:10	BREAK	
15:10-15:40	Towards Robust Deep Learning	Nanyang Ye, University of Cambridge
15:40-16:10	Agent Learning in the Emergence of Complex World	Yali Du, University College London
CLOSING Yizhou Wang, Vice Director, CFCS		