Workshop

Chronic Disease Management in the AI Era

Sofitel Xian on Renmin Square Convention Center
319 Dong Xin Street, Xi'an, China
14:00-17:00, June 10, 2019

Keynotes

14:00-14:30

Kenney NG, Ph.D.
**Manager, Health Analytics Research Group,
Principal Research Staff Member, Center for Computation Health,
IBM Research Cambridge**

Title: Personalized Treatment Options for Chronic Diseases using Precision Cohort Analytics

14:30-15:00

Bo Fu, Ph.D.
**Professor, School of Data Science
Fudan University**

Title: Data science in chronic disease research

Papers & Posters

Time		
15:00-15:15	Paper	
	MobiCardio: A Clinical-grade Mobile Health System for Cardiovascular Disease Management	Peiyao Li, Zhicheng Yang, Wei Yan, Muyang Yan, Maoqing He, Qian Yuan, Ke Lan, Jiewen Zheng, Tongbo Liu, Desen Cao and Zhengbo Zhang
15:15-15:30	Poster Fast Go Through	
	HWProfile UI: facilitating the exploration of patient centred risk model	Pierpaolo Tommasi, Stephane Deparis and Alessandra Pascale
	Accelerating Clinical Practice Guideline Implementation for Chronic Disease Management	Jing Li, Jing Mei and Shaochun Li
	Multiple MACE Risk Prediction using Multi-Task Recurrent Neural Network with Attention	Enliang Xu, Shiwan Zhao, Jing Mei, Eryu Xia, Yiqin Yu and Songfang Huang
	Predicting Hospital Readmission of Diabetics using Deep Forest	Pengwei Hu, Shaochun Li, Yu-An Huang and Lun Hu
15:30-16:00	Coffee Break	
16:00-16:20	Paper	
	Computer-aided Diagnosis of Ambulatory Electrocardiograms via ASRS: Active-Selection-Random-Selection	Xuan Zhang, Guangyu Wang, Ning Chen and Ting Chen
16:20-16:40	Paper	
	From EHR Data to Adherence Assessment: An Analytic Framework	Enliang Xu, Jing Mei, Jing Li, Yiqin Yu, Songfang Huang and Yong Qin

Panel Discussion

16:40-17:30 To the challenge of Chronic Disease Management: Achieve patient-centered, integrated medical innovation

Jian Li, Medical Affairs Executive Director	AstraZeneca China
John Ma, Sr. Marketing Director	Novo Nordisk (China) Pharmaceuticals Co., Ltd.
Xin Zhao, Center for Cardiology	Beijing Anzhen Hospital, Capital Medical University
Huiqun Wu, Professor, Deputy Director of the Department of Medical Information	Nantong University
Zhen Zhou, General Manager	China Electronics Data Service Co., Ltd.
Shaochun Li, STSM, IBM Master Inventor, IBM Research	IBM Research - China