



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,
Principle 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

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.



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