

The 3rd Sino-US Research Conference on Quality,

Analytics and Innovations

May 27-29, 2018

Innovation Science and Technology Building, Northwestern Polytechnical
University, Xi'an, China

28 May, 2018 (Monday)		
Registration (8:00-9:00)		
Opening Ceremony (Shubin Si)	9:00-9:20	Opening Speech
Keynote Speech (Zhen He)	9:20-10:10	Jianjun Shi (Georgia Institute of Technology) Data Fusion for Quality Improvement in Smart Manufacturing System
Tea Break (10:10-10:30)		
Keynote Speech (Yizhong Ma)	10:30-11:20	Lixin Tang (Northeastern University) Operation Analytics and Optimization in the Steel Industry
Panel Discussion (Wei Jiang)	11:20-12:10	How to publish papers in top journals?
Lunch (12:10-13:30)		
Invited Speech (Xinggang Luo)	13:30-14:10	Dennis Lin (Pennsylvania State University) Ghost Data
	14:10-14:50	Mingjian Zuo (University of Alberta) Multi-state Network Reliability Evaluation
	14:50-15:30	Fugee Tsung (Hong Kong University of Science and Technology) Quality Big Data
Tea break (15:30-16:00)		
Invited Speech (Xi Zhang)	16:00-16:40	Satish Bukkapatnam (Texas A&M University) Change Detection and Prognostics for Transient Real-World Processes Using Streaming Data
	16:40-17:20	Conrad Tucker (Pennsylvania State University) Design Concept Generation and Evaluation by Mining Large Scale, Disparate Data
	17:20-18:00	Qiang Huang (University of Southern California) Automated Machine Learning of 3D Printing Accuracy Models Under Cybermanufacturing Environments
Dinner (18:00-20:00)		

29 May, 2018 (Tuesday)

Keynote Speech (Lirong Cui)	9:00-9:50	Weixuan Xu (Institutes of Science and Development, Chinese Academy of Sciences) 中国的管理科学 Management Sciences in China
Tea break (9:50-10:20)		
Invited Speech (Hongzhong Huang)	10:20-11:00	Haitao Liao (University of Arkansas) Development of Highly Reliable Products via Reliability Testing and Bayesian Method
Panel Discussion (Weixuan Xu)	11:00-12:00	Rank of Journals in Management Science and Engineering for China Scholars
Lunch (12:00-13:30)		
Invited Speech (Yingfeng Zhang)	13:30-14:10	Robin Qiu (Pennsylvania State University) Patient-centered Deep Learning Model and Diagnosis Service for Persons with Alzheimer's Disease Services
	14:10-14:50	Hui Yang (Pennsylvania State University) Sensor-based modeling and control of nonlinear dynamics for advanced manufacturing and smart health
	14:50-15:30	Xiao Liu (University of Arkansas) Analysis of Large Heterogeneous Repairable System Reliability Data with Static System Attributes and Dynamic Sensor Measurements
Dinner (18:00-20:00)		