

Program

2014 Tsinghua-Sanya Workshop on Big Data: Opportunities, Challenges and Innovations

Dec. 27 – Dec. 30, 2014

Sanya, China

Dec 27, Saturday

09:00 am - 09:30 am Opening Ceremony

09:30 am - 10:20 am Keynote Session I

Richard Freeman (Harvard University)

Chair: Rong Chen

10:20 am - 10:40 am Coffee Break

10:40 am - 11:55 am Session 1 Economics & Business

Chair: Steve Z. Qin

(1) Songxi Chen (Peking University)

(2) Hansheng Wang (Peking University)

(3) Junni Zhang (Peking University)

12:00 pm - 01:30pm Lunch

01:30 pm - 02:20pm Keynote Session II

Faming Liang (University of Florida)

Chair: Dongchu Sun

02:20 pm - 04:00pm Session 2 Statistical Theory & Methodology I

Chair: Wenxuan Zhong

(1) Jun S. Liu (Harvard University)

(2) Dongchu Sun (University of Missouri)

(3) Qunhua Li (Pennsylvania State University)

(4) Weidong Liu (Shanghai Jiaotong University)

04:00 pm - 04:20pm Coffee Break

04:20 pm - 06:00pm Session 3 Life Science I

Chair: Ke Deng

(1) Xuegong Zhang (Tsinghua University)

(2) Tingting Zhang (University of Virginia)

(3) Ting Zhu (Tsinghua University)

(4) Steve Z. Qin (Emory University)

06:30 pm Dinner

Dec 28, Sunday

09:00 am - 09:50 am **Keynote Session III**

Terry Speed (University of California-Berkeley)

Chair: Jun S. Liu

9:50 am - 10:10 am **Coffee Break**

10:10 am - 11:50 am **Session 4 Statistical Theory & Methodology II**

Chair: Simeng Han

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| (1) Lijian Yang | (Suzhou University) |
| (2) Liping Liu | (Peking University) |
| (3) Dong Li | (Tsinghua University) |
| (4) Jianxin Yin | (Renmin University) |

12:00 pm - 01:30pm **Lunch**

01:30 pm - 02:20pm **Keynote Session IV**

Yixue Li (Chinese Academy of Sciences)

Chair: Xuegong Zhang

02:20 pm - 04:00pm **Session 5 Life Science II**

Chair: Tingting Zhang

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| (1) Li Zhang | (Beijing Union Hospital) |
| (2) Simeng Han | (Analysis Group Inc.) |
| (3) Xiaoqi Zheng | (Shanghai Normal University) |
| (4) Zhongyu Liu | (PLA 150 Hospital) |

04:00 pm - 04:20pm **Coffee Break**

04:20 pm - 06:00 pm **Session 6 Computer Science & Industry**

Chair: Peter Qian

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|--------------------------|---|
| (1) Maosong Sun | (Tsinghua University) |
| (2) Lin Zhang | (Beijing University of Post & Telecommunication) |
| (3) Weifeng Zhang | (Nanjing University of Post & Telecommunication) |
| (4) Chunlin Ji | (Kuang-Chi Institute of Advanced Technology) |

06:30 pm **Banquet**

Dec 29, Monday

09:00 am - 09:50 am Keynote Session V

Rong Chen (Rutgers University)

Chair: Songxi Chen

09:50 am - 10:10 am Coffee Break

10:10 am - 11:50 am Session 7 Statistical Theory & Methodology III

Chair: Qunhua Li

- (1) Hewei Pang (China Academy of Space Technology)**
- (2) Mingyao Ai (Peking University)**
- (3) Peter Qian (University of Wisconsin-Madison)**
- (4) Rui Tuo (Chinese Academy of Sciences)**

11:50 pm - 01:20pm Lunch

01:30 pm - 02:20pm Keynote Session VI

Ping Ma (University of Georgia)

Chair: Hansheng Wang

01:20 pm – 04:00 pm Session 8 Statistical Theory & Methodology IV

Chair: Junni Zhang

- (1) Xiaodan Fan (Chinese University of Hong Kong)**
- (2) Wenxuan Zhong (University of Georgia)**
- (3) Yuan Yao (Peking University)**
- (4) Wensheng Zhu (Northeast Normal University)**

04:00 pm - 04:20pm Coffee Break

04:20 pm - 06:00pm Session 9 Statistics & Social Science

Chair: Xiaodan Fan

- (1) Jing Chen (Nanjing University & Rice University)**
- (2) Ke Deng (Tsinghua University)**
- (3) Binhui Liu (Northeast Normal University)**
- (4) Xinshu Zhao (Hong Kong Baptist University)**

06:00 pm - 06:15 pm Ending Mark

06:00 pm Dinner

Dec 30, Tuesday

09:00 am - 10:30 am

Group Discussion

10:30 am - 11:00 am

Coffee Break

11:00 am - 12:00 pm

Free Discussion

12:00 pm – 01:30 pm

Lunch

01:30 pm - 05:00 pm

Visit the Rain Forest Park

Invited Attendees:

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| Min Chen | (Chinese Academy of Sciences) |
| Hongwei Xie | (National University of Defense Technology) |
| Bo Li | (Tsinghua University) |
| Yishun Han | (Tsinghua University) |
| Lun Jun | (Beijing University of Post & Telecommunication) |
| Xiaolong Wang | (Northwestern Polytechnical University) |
| | |
| Yang Yang | (Sichuan University) |
| Changji Xu | (Tsinghua University) |
| Wenyan Gong | (Tsinghua University) |
| Kan Xu | (Tsinghua University) |
| Yuchen Yang | (Tsinghua University) |
| Xiaochen Zhang | (Tsinghua University) |
| Qi Li | (Tsinghua University) |
| Wenxuan Deng | (Tsinghua University) |
| Hongshan Li | (Tsinghua University) |
| Yuling Yao | (Tsinghua University) |
| Cheng Meng | (Tsinghua University) |
| Yao Zhu | (Tsinghua University) |
| Yingkai Jiang | (Tsinghua University) |
| Jiaming Qiu | (Tsinghua University) |
| Shuoping Zhang | (Tsinghua University) |
| Jiangming Xiang | (Tsinghua University) |
| Yuting Ye | (Tsinghua University) |
| Peiyang Jin | (Tsinghua University) |
| Yuqi Gu | (Tsinghua University) |
| Peili Wang | (Tsinghua University) |
| Zidong Wang | (Tsinghua University) |
| Zaiying Zhou | (Tsinghua University) |

Program Committee:

Jun S. Liu **(Harvard University)**

Ke Deng **(Tsinghua University)**

Steve Z. Qin **(Emory University)**

Ping Ma **(University of Georgia)**

Wenxuan Zhong **(University of Georgia)**