



7th THU-USC Joint Faculty Forum on
BIG DATA AND CLOUD



Dates:

21-22 May, 2013

Venue:

Room 1-315,
FIT Building,

Tsinghua University

2013

7th

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USC VITERBI SCHOOL OF ENGINEERING

THU SCHOOL OF INFORMATION SCIENCE AND TECHNOLOGY

SCHOOL OF INFORMATION SCIENCE AND TECHNOLOGY

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■ USC VITERBI SCHOOL OF ENGINEERING
■ THU SCHOOL OF INFORMATION SCIENCE AND TECHNOLOGY

Agenda

DATES: 21-22 May, 2013

VENUE: ROOM 1-315, FIT BUILDING, TSINGHUA UNIVERSITY

8:45 - 10:40, Tue, May 21: Plenary Session and Signing Ceremony

Chair: Prof. Jun Li, Executive Deputy Director of TNList, THU

08:45-08:50: Welcome Remark from THU SIST

(Dean Jiaguang Sun)

08:50-09:00: Greetings from USC Viterbi School of Engineering

(Dean Yannis Yortsos)

09:00-09:10: Greetings from THU Graduate School

(Deputy Dean Hong Gao)

09:10-09:20: Greetings from the Sponsor (Mr. Feng Deng)

09:20-09:25: Signing Ceremony of THU-USC Joint Double Degree

Program (Jiaguang Sun, Yannis Yortsos)

09:25-09:30: Group Photo

09:30-10:05: Plenary speech #1: "The Big Data Solution is Powered by
Cloud Computing"

Dr. Bill Huang, General Manager of China Mobile
Research Institute

10:05-10:40: Plenary speech #2: "Geo-Immersion: A Data-Centric (Big
Data) Approach Towards Situational Awareness"

Prof. Cyrus Shahabi, Director of the NSF's Integrated
Media Systems Center (IMSC) at USC

10:40-11:10: Coffee break

11:10-12:00, Tue, May 21: Technical Session on Big Data and Cloud (1)

Chair: Prof. Wenguang Chen, Dept of Computer Science
and Technology, THU

11:10-11:35: "Big data Services for Biomedical Data"

Prof. Carl Kesselman, USC

11:35-12:00: "GreenOrbs and CitySee: Lessons Learned from

Large-Scale Sensor Networks"

Prof. Yunhao Liu, Tsinghua National Lab for Information

Science and Technology (TNList), THU

12:00-14:00: Lunch and Campus Tour

14:00-15:40: Technical Session on Big Data and Cloud (2)

Chair: Prof. Yunhao Liu, Tsinghua National Lab for Information
Science and Technology (TNList), THU

14:00-14:25: "Industrial Process Big Data Analytics"

Prof. Joe S. Qin, USC

14:25-14:50: "Profit Maximization in Cloud Services"

Prof. Junwei Cao, Research Institute of Information
Technology, THU

14:50-15:15: "Data Driven Predictive Analytics and Applications"

Prof. Cauligi Raghavendra, USC

15:15-15:40: "Scalable Learning of Discriminative Representations
from Data"

Prof. Jun Zhu, Dept of Computer Science and
Technology, THU

15:40-16:00: Coffee Break

16:00-17:40: Technical Session on Big Data and Cloud (3)

Chair: Prof. Jun Zhu, Dept of Computer Science and
Technology, THU

16:00-16:25: "When can Goliath help David? Statistical Learning
Techniques for Using Big Data to Help Small Data
Problems"

Prof. Fei Sha, USC

16:25-16:50: "Social Influence Analysis in Large Networks"

Prof. Jie Tang, Dept of Computer Science and
Technology, THU

16:50-17:15: "Learning and Mining in Large-scale Time Series Data"

Prof. Yan Liu, USC

17:15-17:40: "Trend in Traffic Flow and Detrending Based Traffic
Flow Prediction"

Prof. Li Li, Dept of Automation, THU

18:00-20:00: Banquet

Day Two (22 May, Wed), Individual Lab Visits

Prof. Zhisheng Niu's Lab FIT 3-326

Prof. Junwei Cao's Lab FIT 3-324

Prof. Jun Zhu's Lab FIT 4-504, FIT 4-513

Prof. Jie Tang's Lab FIT 1-308

Prof. Li Li's Lab Main Building 6-806