

ICT International Exchange Workshop 2014

Laboratory of Advanced Research B,
University of Tsukuba

November 1-2, 2014



Beihang
University



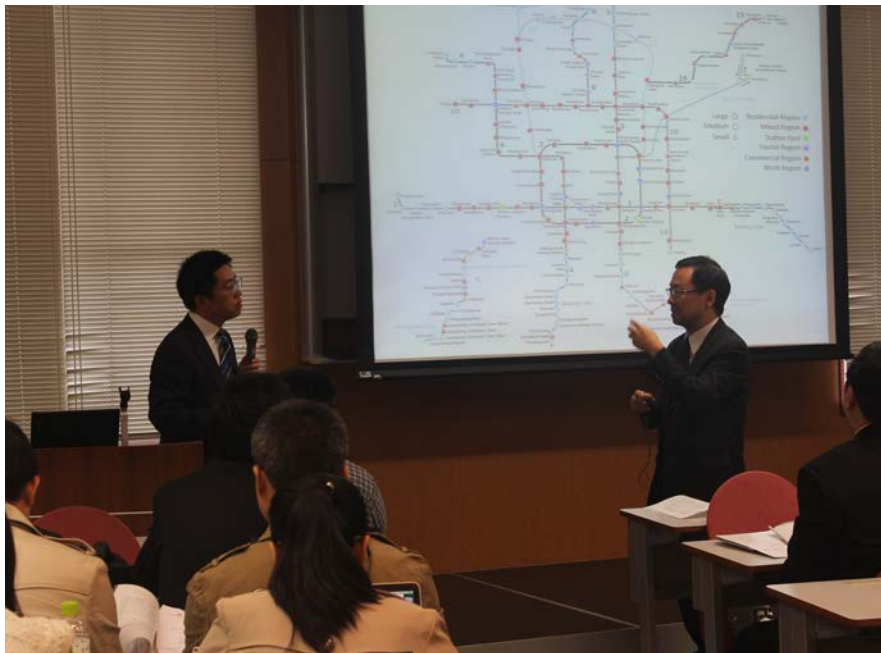
Zhejiang
University

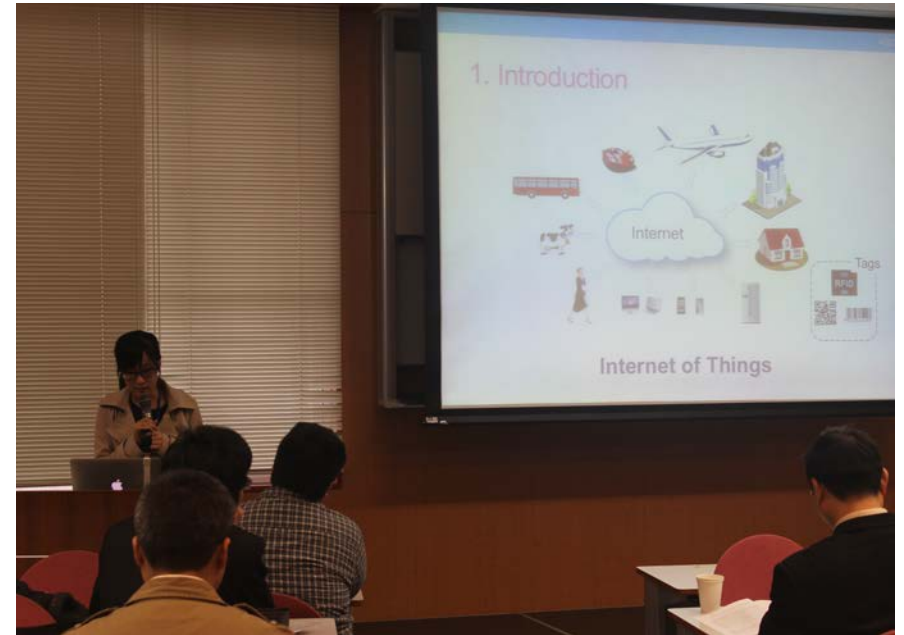


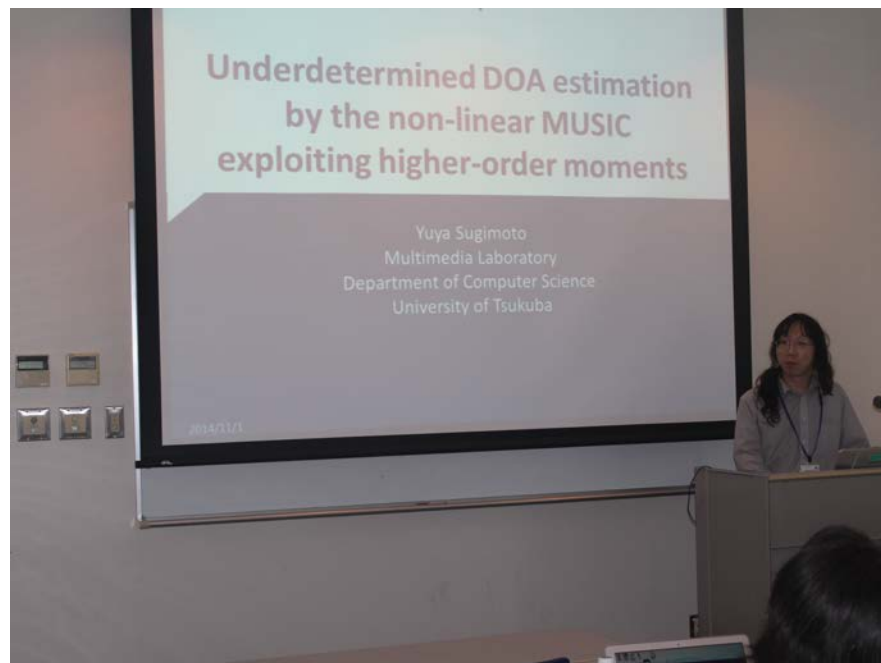
University of
Tsukuba

ICT International Exchange Workshop 2014 (ICTWS2014)

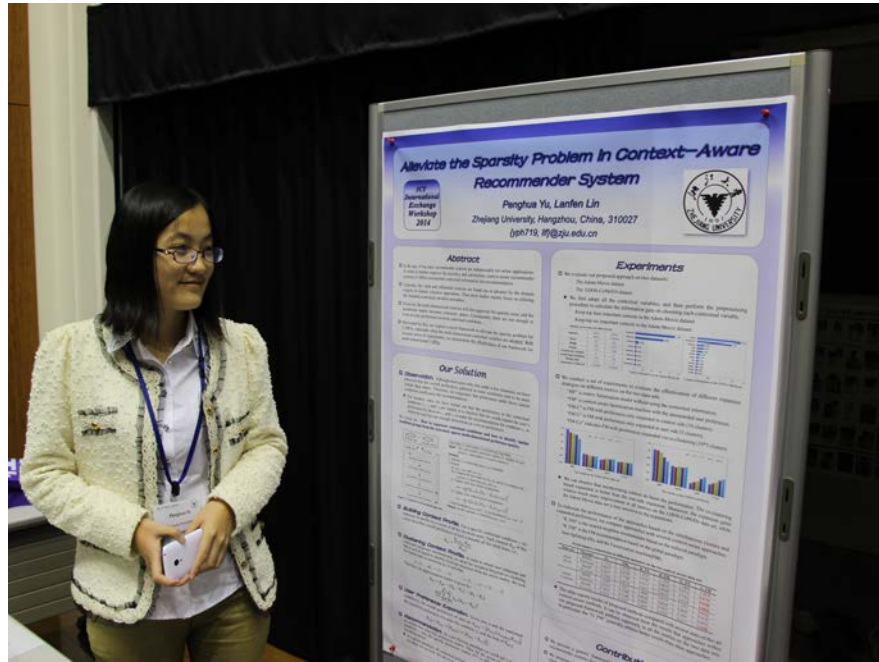














ICT International Exchange Workshop 2014

Laboratory of Advanced Research B, University of Tsukuba

Saturday, November 1, 2014

	Room 0110	Room 0107	Room 0108
9:30	Opening		
9:40	Session 0110-1		
10:30	Coffee Break		
10:45	Session 0110-2		
12:00	Lunch		
13:00		Session 0107-1	Session 0108-1
14:15	Coffee Break		
14:30		Session 0107-2	Session 0108-2
15:55	Coffee Break		
16:10		Session 0107-3	Session 0108-3
17:00			
17:30	Reception (Open Space, 10th Floor) with Poster Session		
19:30			

Sunday, November 2, 2014

9:00	Laboratory Tour
10:45	Best Presentation/Poster Award Ceremony (Room 1001)
11:00	Faculty Meeting (Room 1001)
12:00	
12:30	Lunch Discussion
14:00	

ICT International Exchange Workshop 2014 Program

Opening Remarks

9:30 – Prof. Jiro Tanaka, Chair of the Dept. of Computer Science, University of Tsukuba
Prof. Weiqin Wu, Associate Director of National Key Laboratory of Software Development
Environment, Assistant Dean of the School of Computer Science, Beihang University
Prof. Gang Chen, Vice Dean of the college of Computer Science, Zhejiang University

Session 0110-1 Chair: Hiroaki Kitagawa

9:40 – A Road to Big Data Research, Wu Xuj - Zhejiang University
10:05 – Understanding the Social Functions of Subway Stations based on Metro Ridership,
Leng Bao - Beihang University

Session 0110-2 Chair: Wenjun Wu

10:45 – Simple Flat Origami Exploration System with Random Folds*, Naoya Tsuruta -
University of Tsukuba
11:10 – A Generic Framework for Cyber-Physical Web, Xiaoling Gu - Zhejiang University
11:35 – An Introduction of Crowdsourcing, Fan Yue - Beihang University

Session 0107-1 Chair: Claus Arnsperger

13:00 – Personalized medication with preserving genomic privacy, Jun Sakuma - University of
Tsukuba
13:25 – Alleviate the Sparsity Problem in Context-Aware Recommender System via
User-Context Co-Clustering*, Penghua Yu - Zhejiang University
13:50 – Real-time Filtering and Emerging Topic Detection for Organizations from Microblogs,
Chen Yan - Beihang University

Session 0107-2 Chair: Chen Gang

14:30 – Social Dynamic Analysis Based on Large Large-scale Taxi Traces, Shijian Li -
Zhejiang University
14:55 – Graph-based active semi-supervised learning: a new perspective for relieving
multi-class annotation labor*, Huang Lei - Beihang University
15:20 – Utilizing review analysis to suggest product blurb improvement, Takashi Tsunoda -
University of Tsukuba

Session 0107-3 Chair: Bowen Du

16:10 – Online Community Detection for Large Complex Networks, Wangzhong Zhang -
Zhejiang University
16:35 – Efficient Depth Propagation for Constructing a Layered Depth Image from a Single
Image, Satoshi Iizuka - University of Tsukuba

Session 0108-1 Chair: Sai Wu

13:00 – Hashing methods for approximate nearest neighbor search in big image data, Lang Ho
- Beihang University
13:25 – Underdetermined DOA estimation by the non-linear MUSIC exploiting higher-order
moments, Yuji Sugimoto - University of Tsukuba
13:50 – Reduce the Shopping Distance for People with Disabilities, Zhi Yu - Zhejiang
University

Session 0108-2 Chair: Zhoujun Li

14:30 – System software for data-intensive science, Osamu Tatebe - University of Tsukuba
14:55 – Learning Joint Representation for Cross-media Information Retrieval*, Xinyang
Jiang - Zhejiang University
15:20 – Smart City Dashboard for Big Data, Xie Zhijun - Beihang University

Session 0108-3 Chair: Shijian Li

16:10 – Hypervisor-based background encryption*, Yuski Onote - University of Tsukuba
16:35 – A possible research direction for face identification in the Age of Big Data*, Yu Kai -
Beihang University

* Presented at Poster Session also.