

Fudan-Tsukuba Collaborative Workshop in AI & Big Data (draft)

Date: December 25, 2018

Time: 9:30 – 17:00

Place: SB0108 Meeting Room in Laboratory for Advanced Research B

University of Tsukuba, Tsukuba Campus

1-1-1 Tennodai, Tsukuba, Ibaraki 305-8577 Japan

http://www.tsukuba.ac.jp/en/access/tsukuba_access

Time-table:

- 9:30 - 9:40 Opening remarks
- 9:40-10:00 Introduction of Introduction of Center for Artificial Intelligence Research (C-AIR), University of Tsukuba
- 10:00-10:20 Introduction of Department of Computer Science, Fudan University
- 10:20-10:30 Break
- 10:30-12:00 Session 1: Machine Learning and Applications
1. [UT] An Eigen-analysis Engine for Large-scale Simulation and Data Analysis
Tetsuya Sakurai
 2. [FU] Large-scale Multilabel Learning and its applications in Bioinformatics
Shanfeng Zhu, Fudan University
 3. [UT] Unsupervised Feature Selection by Data Structure Learning
Xiucui Ye, University of Tsukuba
- 12:00-13:30 Lunch
- 13:30-15:00 Session 2: Big Data and Network Analytics
1. [UT] CyborgCrowd Project: Towards Integration of Machine and Human Computation
Atsuyuki Morishima, University of Tsukuba
 2. [FU] Language Understanding with Knowledge Graphs
Yanghua Xiao, Fudan University
 3. [FU] Data-Driven User Behavior Analysis in Online Social Networks
Xin Wang, Fudan University
- 15:00-15:20 Break
- 15:20-16:50 Session 3: Pattern Recognition in Robotics/Mobility
1. [UT] Subspace analysis for 3D object recognition
Kazuhiro Fukui, University of Tsukuba
 2. [FU] Image and Video Computing for Robot Applications
Hong Lu, Fudan University

3. [UT] Driver behavior analyses for detection of distraction
Makoto Itoh, University of Tsukuba

16:50-17:10 Break

17:10-17:30 Discussion of collaboration and Summary

17:30-18:30 Break

18:30-20:30 Discussion of collaboration (cont'd)