



AEARU 11th WEB Technology and Computer Science Workshop - Computer Science and Data Science

September 20-21, 2016

Qatar Science Campus Hall, Aobayama-Campus, Tohoku University, Japan

As of September 2nd, 2016

Tuesday, 20 September	
09:45-10:20	Registration
<i>Chair: Prof. Jinhee Chun, Graduate School of Information Sciences, Tohoku University</i>	
10:20-10:30	Opening Remarks President Susumu Satomi, Tohoku University, Japan
10:30-10:45	Group Photo
10:45-11:30	Keynote Talk Prof. Masaru Kitsuregawa, Director General, National Institute of Informatics, Japan / The University of Tokyo, Japan <i>Title: Big data towards societal benefits rather than commercial profits</i>
11:30-12:00	Prof. Shan-Hung Wu , Department of Computer Science, National Tsing Hua University, Taiwan <i>Title: Big data behind small apps</i>
12:00-12:30	Prof. Jyh-Shing Roger Jang , Department of Computer Science and Information Engineering, National Taiwan University, Taiwan <i>Title: An overview of music information retrieval</i>
12:30-14:00	Lunch
<i>Chair: Prof. Akira Suzuki, Graduate School of Information Sciences, Tohoku University</i>	
14:00-14:30	Prof. Wei Xu , Institute for Interdisciplinary Information Sciences, Tsinghua University, China <i>Title: Making our cloud computing infrastructure smarter</i>
14:30-15:00	Prof. Hee-Kap Ahn , Department of Computer Science and Engineering, Pohang University of Science and Technology, South Korea <i>Title: Geometric algorithms on imprecise and streaming data</i>
15:00-15:30	Prof. Takahiro Hara , Graduate School of Information Science and Technology, Osaka University, Japan <i>Title: People as sensors: Technologies and platform for social media mining</i>

15:30-16:00	Coffee Break
16:00-17:00	Poster Presentation
19:00-21:00	Reception <i>Venue: Floor 21 Room "Ginga," Hotel Metropolitan Sendai, 1-1-1 Chuo, Aoba-ku, Sendai</i>
Wednesday, 21 September	
09:30-10:00	Registration
<i>Chair: Prof. Shun Kataoka, Graduate School of Information Sciences, Tohoku University</i>	
10:00-10:30	Prof. Hisashi Kashima , Graduate School of Informatics, Kyoto University, Japan <i>Title: Crowdsourcing for big data analysis</i>
10:30-11:00	Prof. Kentaro Inui , Graduate School of Information Sciences, Tohoku University, Japan <i>Title: Computational models of commonsense reasoning for natural language discourse understanding</i>
11:00-11:30	Prof. Srinivasa Rao Satti , Department of Computer Science and Engineering, College of Engineering, Seoul National University, South Korea <i>Title: Space-efficient graph algorithms</i>
11:30-13:00	Lunch
<i>Chair: Dr. Yuichi Kawamoto, Graduate School of Information Sciences, Tohoku University</i>	
13:00-13:30	Prof. James Kwok , Department of Computer Science and Engineering, The Hong Kong University of Science and Technology, Hong Kong <i>Title: Big machine learning</i>
13:30-14:00	Prof. Xavier Defago , Department of Computer Science, Tokyo Institute of Technology, Japan <i>Title: Intrusion-tolerance and dynamic faults in the internet of things</i>
14:00-14:30	Prof. Lingyang Song , School of Electrical Engineering and Computer Science, Peking University, China <i>Title: Full-Duplex Cognitive Radio for future wireless Networks</i>
14:30-15:00	Coffee Break

<i>Chair: Prof. Hasitha Muthumala Waidyasooriya, Graduate School of Information Sciences, Tohoku University</i>	
15:00-15:30	Prof. Xiaoyang Sean Wang , School of Computer Science, Fudan University, China <i>Title: Query optimization techniques for large-scale exploratory text analysis</i>
15:30-16:00	Prof. Toshiyuki Amagasa , Center for Computational Sciences, University of Tsukuba, Japan <i>Title: GPU-Accelerated big data processing</i>
16:00-16:30	Prof. Xiaoliang Wang , Department of Computer Sciences and Technology, Nanjing University, China <i>Title: Fine-grained human activity recognition using signal based mobile sensing</i>
16:30-16:40	Closing Remarks Prof. Takeshi Tokuyama, Dean, Graduate School of Information Sciences, Tohoku University, Japan