Day1, Tuesday 9 August 2016

13:00 Opening Remarks:
Ken-ichi Kawarabayashi, National Institute of Informatics

13:05 Makoto Yamada, Kyoto University
Beyond Ranking: Optimizing Whole-Page Presentation (WSDM'16)

13:30 Yuichi Yoshida, National Institute of Informatics
Nonlinear Laplacian for Digraphs and its Applications to Network Analysis (WSDM'16)

13:55 Takuya Konishi, National Institute of Informatics
Identifying Key Observers to Find Popular Information in Advance (IJCAI'16)

14:20 Takahiro Ezaki, National Institute of Informatics
Reinforcement Learning Explains Conditional Cooperation and Its Moody Cousin
(PLOS Computational Biology)

14:45 – 15:00 Coffee Break

15:00 Yukino Baba, Kyoto University
Assessing Translation Ability through Vocabulary Ability Assessment (IJCAI’16)

15:25 Ryusuke Takahama, Kyoto University
Progressive Comparison for Ranking Estimation (IJCAI’16)

15:50 Daisuke Hatano, National Institute of Informatics
Adaptive Budget Allocation for Maximizing Influence of Advertisements (IJCAI’16)

16:15 – 16:30 Break

16:30 Yasushi Sakurai, Kumamoto University
Regime Shifts in Streams: Real–time Forecasting of Co–evolving Time Sequences (KDD’16)
Mining and Forecasting of Big Time–series Data (SIGMOD’15)
Non–Linear Mining of Competing Local Activities (WWW’16)
Mining Big Time–series Data on the Web (WWW’16)
16:55  Ichiro Takeuchi, Nagoya Institute of Technology
Safe Pattern Pruning: An Efficient Approach for Predictive Pattern Mining (KDD’16)

17:20  Yasuo Tabei, Tokyo Institute of Technology
Scalable Partial Least Squares Regression on Grammar-Compressed Data Matrices (KDD’16)

17:45  Takuya Akiba, Preferred Networks
Compact and Scalable Graph Neighborhood Sketching (KDD’16)

18:10 – 18:25  Discussion

18:30 – 20:30  Reception
Day 2, Wednesday 10 August 2016

10:00  Tasuku Soma, The University of Tokyo
A Generalization of Submodular Cover via the Diminishing Return Property on the Integer Lattice (NIPS’15)

10:25  Masaaki Imaizumi, The University of Tokyo
Doubly Decomposing Nonparametric Tensor Regression (ICML’16)

10:50  Song Liu, The Institute of Statistical Mathematics
Structure Learning of Partitioned Markov Networks (ICML’16)

11:15 – 11:30  Break

11:30  Takanori Maehara, Shizuoka University
Joint word representation learning using a corpus and a semantic lexicon (AAAI’16)

11:55  Kohei Hayashi, National Institute of Advanced Industrial Science and Technology
Expected Tensor Decomposition with Stochastic Gradient Descent (AAAI’16)

12:20 – 13:45  Lunch

13:45  Kenji Fukumizu, The Institute of Statistical Mathematics
Persistence weighted Gaussian kernel for topological data analysis (ICML’16)

14:10  Mathieu Blondel, NTT Communication Science Laboratories
Polynomial Networks and Factorization Machines: New Insights and Efficient Training Algorithms (ICML’16)

14:35  Atsushi Miyauchi, Tokyo Institute of Technology
What Is a Network Community? A Novel Quality Function and Detection Algorithms (CIKM’15)

15:00  Naoto Ohsaka, The University of Tokyo
Dynamic Influence Analysis in Evolving Networks (VLDB’16)

15:25 – 15:40  Coffee Break

15:40  Naonori Kakimura, The University of Tokyo
Exact and Approximation Algorithms for Weighted Matroid Intersection (SODA’16)

16:05  Shuichi Hirahara, The University of Tokyo
Limits of Minimum Circuit Size Problem as Oracle (CCC’16)
16:30  Akitoshi Kawamura, The University of Tokyo
A lower bound on opaque sets (SoCG’16)

16:55  Closing remarks by Ken–ichi Kawarabayashi