ERATO 感謝祭 SeasonⅡ プログラム

８月 3 日(月)

13:00 主催者(河原林)挨拶

13:05 林 浩平　　KDD'15 talk

[1] Kohei Hayashi, Takanori Maehara, Masashi Toyoda and Ken-Ichi Kawarabayashi:

Real-time Top-R Topic Detection on Twitter with Topic Hijack Filtering

Proc. the 21st ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD'15).

13:30 小宮山 純平　　ICML'15 and COLT'15 talks

[1] J. Komiyama, J. Honda, H.Kashima, and H. Nakagawa:

Regret Lower Bound and Optimal Algorithm in Dueling Bandit Problem

Proc. the 28nd Annual Conference on Learning Theory (COLT'15).

[2] J. Komiyama, J. Honda, and H. Nakagawa:

Optimal Regret Analysis of Thompson Sampling in Stochastic Multi-armed Bandit Problem with Multiple Plays

Proc. the 32nd International Conference on Machine Learning (ICML'15).

13:55 前原 貴憲　　AAAI'15 and IJCAI'15 talks

[1] Danushka Bollegala ,Takanori Maehara , Ken-ichi Kawarabayashi:

Embedding Semantic Relations into Word Representations

Proc. the International Joint Conference on Artificial Intelligence (IJCAI'15).

[2] Danushka Bollegala, Takanori Maehara, Yuichi Yoshida and Ken-Ichi Kawarabayashi:

Learning word representations from relational graphs

Proc. THE TWENTY-NINTH AAAI CONFERENCE (AAAI'15).

14:20 杉山 将　　ICML'15 talk

[1] du Plessis, M. C., Niu, G. and Sugiyama, M.:

Convex Formulation for Learning from Positive and Unlabeled Data

Proc. the 32nd International Conference on Machine Learning (ICML'15).

14:45 – 15:00 ブレイク

15:00　宮内　敦史　　ICML'15 talk

[1] Atsushi Miyauchi, Yuni Iwamasa, Takuro Fukunaga, Naonori Kakimura:

Threshold Influence Model for Allocating Advertising Budgets

Proc. the 32nd International Conference on Machine Learning (ICML'15).

15:25　恐神　貴行　　ICML'15 talk

[1] Takayuki Osogami

Robust partially observable Markov decision process

Proc. the 32nd International Conference on Machine Learning (ICML'15).

15:50　Oussama Chelly　　KDD'15 talk

[1] Laurent Amsaleg, Oussama Chelly, Stéphane Girard, Teddy Furon, Michael E. Houle, Ken-ichi Kawarabayashi, Michael Nett:

Estimating Local Intrinsic Dimensionality

Proc. the 21st ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD'15).

16:15 – 16:30　ブレイク

16:30　大坂　直人　　KDD'15 talk

[1] Naoto Ohsaka, Takanori Maehara and Ken-ichi Kawarabayashi:

Efficient PageRank Tracking in Evolving Networks

Proc. the 21st ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD'15).

16:55　馬場　雪乃　　KDD'15 talk

[1] *Predictive Approaches for Low-cost Preventive Medicine Program in Developing Countries*

Proc. the 21st ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD'15).

17:20　杉山　麿人　　KDD'15 talk

[1] Felipe Llinares-López, Mahito Sugiyama, Laetitia Papaxanthos, Karsten M. Borgwardt:

Fast and Memory-Efficient Significant Pattern Mining via Permutation Testing

Proc. the 21st ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD'15).

17:45 – 18:00　ブレイク

18:00 – 18:30　本ERATOに関する報告

（残りのトップ会議論文ICML×2、ACL，ICDEのハイライト）＆討論＆本ERATOへの要望

18:30 – 20:30　懇親会

10:00 秋葉 拓哉　　AAAI'15 talk

[1] Takuya Akiba, Takanori Hayashi, Nozomi Nori, Yoichi Iwata and Yuichi Yoshida:

Efficient Top-k Shortest-path Distance Queries on Large Networks by Pruned Landmark

Proc. THE TWENTY-NINTH AAAI CONFERENCE (AAAI'15).

10:25 波多野 大督　　AAAI'15 talk

[1] Daisuke Hatano, Takuro Fukunaga, Takanori Maehara and Ken-Ichi Kawarabayashi:

Lagrangian decomposition algorithm for allocating marketing channels

Proc. THE TWENTY-NINTH AAAI CONFERENCE (AAAI'15).

10:50 吉田 悠一　　AAAI'15 talk

[1] Daisuke Hatano and Yuichi Yoshida:

Distributed Multiplicative Weights Methods for DCOP

Proc. THE TWENTY-NINTH AAAI CONFERENCE (AAAI'15).

11:15 – 11:30 ブレイク

11:30 Marcel Roeloffzen　　SOCG'15 talk

[1] Luis Barba, Prosenjit Bose, Matias Korman, Jean-Lou De Carufel, Hee-Kap Ahn and Eunjin Oh:

A linear-time algorithm for the geodesic center of a simple polygon

Proc. the 31st International Symposium on Computational Geometry (SOCG'15).

11:55 高口 太朗　　Journal of Theoretical Biology, talk

[1] Taro Takaguchi, Renaud Lambiotte:

Sufficient conditions of endemic threshold on metapopulation networks

To appear in Journal of Theoretical Biology.

12:20 – 13:45 ランチブレイク

13:45 佐藤 一誠　　KDD'15 talk

[1] Issei Sato and Hiroshi Nakagawa

Stochastic Divergence Minimization for Online Collapsed Variational Bayes Zero Inference of Latent Dirichlet Allocation

Proc. the 21st ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD'15).

14:10 則 のぞみ　　KDD'15 talk

[1] Nozomi Nori, Hisashi Kashima, Kazuto Yamashita, Hiroshi Ikai, Yuichi Imanaka:

Simultaneous Modeling of Multiple Diseases for Mortality Prediction in Acute Hospital Care

Proc. the 21st ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD'15).

14:35 鈴木 大慈　　ICML'15 talk

[1] Taiji Suzuki

Convergence rate of Bayesian tensor estimator and its minimax optimality

Proc. the 32nd International Conference on Machine Learning (ICML'15).

15:00 – 15:15　ブレイク

15:15 平原 秀一　　CCC'15 talk

[1] Shuichi Hirahara

Identifying an honest EXP^NP oracle among many

Proc. Computational Complexity Conference(CCC'15).

15:40 山口 勇太郎　　ICALP'15 talk

[1] Yasushi Kawase, Yusuke Kobayashi and Yutaro Yamaguchi:

Finding a Path in Group-Labeled Graphs with Two Labels Forbidden

Proc. The 42nd International Colloquium on Automata, Languages, and Programming (ICALP'15).

16:05 小関 健太　　JCTB talks

[1] Ken-ichi Kawarabayashi, Kenta Ozeki:

Spanning closed walks and TSP in 3-connected planar graphs

Journal of Combinatorial Theory, Series B 2014.

[2] *4-connected projective-planar graphs are Hamiltonian-connected*

Journal of Combinatorial Theory, Series B 2015.

16:30 河原林 健一　STOC'15 talks

[1] Ken-ichi Kawarabayashi and Stephan Kreutzer (Technical University Berlin)

The Directed Grid Theorem

Proc. the 47th ACM Symposium on Theory of Computing (STOC'15).

[2] Ken-ichi Kawarabayashi and Mikkel Thorup (University of Copenhagen, Denmark)

Deterministic Global Minimum Cut of a Simple Graph in Near-Linear Time

Proc. the 47th ACM Symposium on Theory of Computing (STOC'15).

[3] Ken-ichi Kawarabayashi and Anastasios Sidiropoulos (The Ohio State University)

Beyond the Euler characteristic: Approximating the genus of general graphs

Proc. the 47th ACM Symposium on Theory of Computing (STOC'15).

16:55　主催者(河原林)挨拶

17:00　閉会