

Curriculum Vitae

Kenichi Kurihara

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Education

- 1999-2003 BE computer science, Tokyo Institute of Technology, Japan
Thesis: Efficient Grammar Induction Algorithm from Huge Corpora
Supervisor: Prof. Taisuke Sato.
- 2003-2006 ME computer science, Tokyo Institute of Technology, Japan
Supervisor: Prof. Taisuke Sato.
- 2004-2005 enrolled as an exchange student (education abroad program)
Information & Computer Science, UC Irvine, USA.
- 2006- PhD computer science, Tokyo Institute of Technology, Japan
Supervisor: Prof. Taisuke Sato.

Employment

- 2006 research scholar
Information & Computer Science, UC Irvine, USA.
- 2006- JSPS Research Fellow (DC1).
- 2007 research scholar
Information & Computer Science, UC Irvine, USA.

Publications (selected)

- [1] Kenichi Kurihara, Yoshitaka Kameya, and Taisuke Sato. Discovering concepts from word co-occurrences with a relational model. *Transactions of the Japanese Society for Artificial Intelligence*, 22(2):218–226, 2007.

- [2] Kenichi Kurihara, Max Welling, and Yee Whye Teh. Collapsed variational dirichlet process mixture models. In *IJCAI*, 2007.
- [3] Kenichi Kurihara, Max Welling, and Nikos Vlassis. Accelerated variational dirichlet process mixtures. In *NIPS 19*, 2007.
- [4] Kenichi Kurihara and Taisuke Sato. Variational bayesian grammar induction for natural language. In *8th International Colloquium on Grammatical Inference*, 2006.
- [5] Max Welling and Kenichi Kurihara. Bayesian k-means as a “maximization-expectation” algorithm. In *Proceedings of SIAM Conference on Data Mining SDM06*, 2006.
- [6] Kenichi Kurihara, Yoshitaka Kameya, and Taisuke Sato. Efficient grammar induction algorithm with parse forests from real corpora. *Transactions of the Japanese Society for Artificial Intelligence*, 19(5):360–367, 2004.
- [7] Kenichi Kurihara and Taisuke Sato. An application of the variational Bayesian approach to probabilistic context-free grammars, 2004. IJCNLP-04 Workshop beyond shallow analyses.