

NAOKI YOSHINAGA

+81-3-5452-6239 ◊ ynaga@iis.u-tokyo.ac.jp ◊ www.tkl.iis.u-tokyo.ac.jp/~ynaga/

Education

- University of Tokyo Ph.D. in Information Science and Technology (Advisor: Prof. Jun'ichi Tsujii) 2002 – 2005
University of Tokyo M.Sc. in Information Science 2000 – 2002
University of Tokyo B.Sc. in Information Science 1996 – 2000

Research Experience (since 2005)

- University of Tokyo Associate Professor Apr. 2016 – present
Principal Investigator of Natural Language Processing (NLP) and Computational Linguistics (CL) Group.
- National Institute of Information and Communications Technology Senior Researcher Apr. 2014 – Mar. 2016
↔ Dr. Yutaka Kidawara
Worked on Adaptive Natural Language Processing for Social Big Data.
- University of Tokyo Project Associate Professor Jul. 2012 – Mar. 2016
↔ Prof. Masaru Kitsuregawa Institute of Industrial Science
Worked on Efficient and Adaptive Natural Language Processing for Social Big Data.
- University of Tokyo Project Research Associate Apr. 2008 – Jun. 2012
↔ Prof. Masaru Kitsuregawa Institute of Industrial Science
Worked on Efficient Natural Language Processing for Social Big Data.
- Japan Advanced Institute of Science and Technology (JAIST) JSPS Research Fellow Apr. 2005 – Mar. 2008
↔ Prof. Kentaro Torisawa School of Information Science
Worked on Knowledge Acquisition from the Web.

Selected publications (since 2020)

- X. Zhao, N. Yoshinaga, and D. Oba. Tracing the Roots of Facts in Multilingual Language Models: Independent, Shared, and Transferred Knowledge. In *EACL*, 2024.
- N. Yoshinaga. Back to Patterns: Efficient Japanese Morphological Analysis with Feature-Sequence Trie. In *ACL*, 2023.
- S. Akasaki, N. Yoshinaga, and M. Toyoda. Early Discovery of Disappearing Entities in Microblogs. In *ACL*, 2023.
- K. Shinzato, N. Yoshinaga, Y. Xia, and W.-T. Chen. A Unified Generative Approach to Product Attribute-Value Identification. In *Findings of ACL*, 2023.
- K. Nishida, N. Yoshinaga, and K. Nishida. Self-Adaptive Named Entity Recognition by Retrieving Unstructured Knowledge. In *EACL*, 2023.
- D. Oba, I. Yamada, N. Yoshinaga, and M. Toyoda. Entity Embedding Completion for Wide-Coverage Entity Disambiguation. In *Findings of EMNLP*, 2022.
- K. Shinzato, N. Yoshinaga, Y. Xia, and W.-T. Chen. Simple and Effective Knowledge-Driven Query Expansion for QA-Based Product Attribute Extraction. In *ACL*, 2022.
- S. Akasaki, N. Yoshinaga, and M. Toyoda. Fine-grained Typing of Emerging Entities in Microblogs. In *Findings of EMNLP*, 2021.
- A. Sugiyama and N. Yoshinaga. Context-aware Decoder for Neural Machine Translation using a Target-side Document-Level Language Model. In *NAACL-HLT*, 2021.
- N. Fukuda, N. Yoshinaga, and M. Kitsuregawa. Robust backed-off estimation of out-of-vocabulary embeddings. In *Findings of EMNLP*, 2020.
- S. Sato, J. Sakuma, N. Yoshinaga, M. Toyoda, and M. Kitsuregawa. Vocabulary Adaptation for Domain Adaptation in Neural Machine Translation. In *Findings of EMNLP*, 2020.

Technical Projects

- University of Tokyo (Apr. 2008 – present)
Working on NLP in the wild; fast, adaptive NLP.
- NICT (Apr. 2014 – Mar. 2016)
Worked on efficient NLP for social big data.
- JAIST (Apr. 2005 – Mar. 2008)
Worked on knowledge acquisition from the Web.

Awards

- Special Committee Awards 2023
The 29th Annual Meeting for The Association for Natural Language Processing
- Best Interactive Award 2019
The eighth Forum on Data Engineering and Information Management
- JSIAI 30th Anniversary Best Paper Award 2016
Transactions of the Japanese Society for Artificial Intelligence
- Best Poster Award 2016
The 17th International Conference on Intelligent Text Processing and Computational Linguistics
- JSIAI SIG Research Award 2013
Japanese Society for Artificial Intelligence, Special Interest Group on Fundamental Problems of Artificial Intelligence
- Best Paper Award 2010
The 72nd National Convention of IPSJ
- Best Paper Award 2009
Journal of Natural Language Processing