Ryohei Sasano

CONTACT INFORMATION

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RESEARCH INTERESTS

Natural language processing, in particular frame semantics, predicate-argument structure analysis, and anaphora resolution

EDUCATION

2006–2009, University of Tokyo, Japan
Ph.D. at Graduate School of Information Science and Technology
Dissertation: Japanese Anaphora Resolution Based on
Automatically Acquired World Knowledge
Supervisor: Sadao Kurohashi, Kenjiro Taura

2004–2006, University of Tokyo, Japan
M. at Graduate School of Information Science and Technology
Supervisor: Sadao Kurohashi

2000–2004, University of Tokyo, Japan
B.E. at Department of Information and Communication Engineering
Supervisor: Sadao Kurohashi

EMPLOYMENT

April 2017–
Associate Professor at Nagoya University, Japan

Dec. 2010–March 2017
Assistant Professor at Tokyo Institute of Technology, Japan

April 2009–Nov. 2010
Project Researcher at Kyoto University, Japan

OTHERS

Oct. 2017–March 2018
Visiting Scholar at Cambridge University, UK

April 2006–March 2009
Research Fellow of JSPS (DC1)

SELECTED
PUBLICATIONS

Ryohei Sasano, Anna Korhonen: Investigating Word-Class Distributions in Word Vector Spaces, In Proceedings of the 58th Annual Meeting of the Association for Computational Linguistics (ACL), 2020

Khai Mai, Thai-Hoang Pham, Minh Trung Nguyen, Nguyen Tuan Duc, Danushka Bollegala, Ryohei Sasano, Satoshi Sekine: An Empirical Study on Fine-Grained Named Entity Recognition, In Proceedings of the 22nd International Conference on Computational Linguistics (COLING) pp.711–722, 2018

Tatsuya Aoki, Ryohei Sasano, Hiroya Takamura, Manabu Okumura: Distinguishing Japanese Non-standard Usages from Standard Ones, In Proceedings of the 2017 Conference on Empirical Methods in Natural Language Processing (EMNLP), pp.2313–2318, 2017

Yuta Kikuchi, Graham Neubig, Ryohei Sasano, Hiroya Takamura, Manabu Okumura: Controlling Output Length in Neural Encoder-Decoders, In Proceedings of the 2016 Conference on Empirical Methods in Natural Language Processing (EMNLP), pp.1328–1338, 2016

Ryohei Sasano, Manabu Okumura: A Corpus-Based Analysis of Canonical Word Order of Japanese Double Object Constructions, In Proceedings of the 54th Annual Meeting of the Association for Computational Linguistics (ACL), pp.2236–2244, 2016

Andrew Shin, Ryohei Sasano, Hiroya Takamura, Manabu Okumura: Context-Dependent Automatic Response Generation Using Statistical Machine Translation Techniques, In Proceedings of the North American Chapter of the Association for Computational Linguistics/Human Language Technologies (NAACL-HLT), pp.1345–1350, 2015

Ryohei Sasano, Daisuke Kawahara, Sadao Kurohashi, Manabu Okumura: Automatic Knowledge Acquisition for Case Alternation between the Passive and Active Voices in Japanese, In Proceedings of the 2013 Conference on Empirical Methods in Natural Language Processing (EMNLP), pp.1213–1223, 2013

Ryohei Sasano, Sadao Kurohashi, Manabu Okumura: A Simple Approach to Unknown Word Processing in Japanese Morphological Analysis, In Proceedings of the 6th International Joint Conference on Natural Language Processing (IJCNLP), pp.162–170, 2013

Hajime Morita, Ryohei Sasano, Hiroya Takamura, Manabu Okumura: Subtree Extractive Summarization via Submodular Maximization, In Proceedings of the 51st Annual Meeting of the Association for Computational Linguistics (ACL), pp.1023–1032, 2013

Hiroaki Kawasaki, Ryohei Sasano, Hiroya Takamura, Manabu Okumura: Generating "A for Alpha" When There Are Thousands of Characters, In Proceedings of the 22nd International Conference on Computational Linguistics (COLING) pp.1411–1424, 2012

Ryohei Sasano, Sadao Kurohashi: A Discriminative Approach to Japanese Zero Anaphora Resolution with Large-scale Lexicalized Case Frames, In Proceedings of the 5th International Joint Conference on Natural Language Processing (IJCNLP), pp.758–766, 2011

Ryohei Sasano, Sadao Kurohashi: A Probabilistic Model for Associative Anaphora Resolution, In Proceedings of the 2009 Conference on Empirical Methods in Natural Language Processing (EMNLP), pp.1455–1464, 2009

Ryohei Sasano, Daisuke Kawahara, Sadao Kurohashi: The Effect of Corpus Size on Case Frame Acquisition for Discourse Analysis, In Proceedings of the North American Chapter of the Association for Computational Linguistics/Human Language Technologies (NAACL-HLT), pp.521–529, 2009

Ryohei Sasano, Daisuke Kawahara, Sadao Kurohashi: A Fully-Lexicalized Probabilistic Model for Japanese Zero Anaphora Resolution, In Proceedings of the 22nd International Conference on Computational Linguistics (COLING), pp.769–776, 2008

Ryohei Sasano, Sadao Kurohashi: Japanese Named Entity Recognition Using Structural Natural Language Processing, In Proceedings of the 3rd International Joint Conference on Natural Language Processing (IJCNLP), pp.607–612, 2008

Ryohei Sasano, Daisuke Kawahara, Sadao Kurohashi: Automatic Construction of Nominal Case Frames and its Application to Indirect Anaphora Resolution, In Proceedings of the 20th International Conference on Computational Linguistics (COLING), pp.1201–1207, 2004