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Biography

Dr. John S. Y. Lee is Associate Professor at the Department of Linguistics and Translation at City University of Hong Kong. He obtained his Bachelor of Mathematics in Computer Science at the University of Waterloo, and PhD in Computer Science at the Massachusetts Institute of Technology. He joined CityU in 2010.

Dr. Lee's research interest is in natural language processing and its applications in digital humanities and computer-assisted language learning. He has led a number of research projects funded by the Innovation and Technology Fund, the Language Fund from the Standing Committee on Language Education and Research, and the General Research Fund from the University Grants Committee in Hong Kong. His recent projects include writing assistance tools for English as a foreign language, corpus-driven learning of Chinese as a foreign language, Cantonese-Mandarin parallel treebank development, and text readability assessment.

Employment

Department of Linguistics and Translation

City University of Hong Kong

1 Jul 2019 → present

Department of Linguistics and Translation

City University of Hong Kong

1 Jul 2013 → 1 Jul 2019

Research outputs

PIRLS Category-specific Question Generation for Reading Comprehension

Poon, Y., Wang, Q., Lee, J. S. Y., Lam, Y. Y. & Chu, S. K. W., Mar 2025, *Proceedings of the 14th Workshop on Natural Language Processing for Computer Assisted Language Learning (NLP4CALL 2025)*. Muñoz Sánchez, R., Alfter, D., Volodina, E. & Kallas, J. (eds.). University of Tartu Library, p. 72-80

Automatic readability assessment for sentences: neural, hybrid and large language models

Liu, F., Jin, T. & Lee, J. S. Y., 9 Feb 2025, (Online published) In: *Language Resources and Evaluation*. 32 p.

Conversational networks: prophets and kings in the Old Testament

Lee, J. S. Y. & Webster, C., Dec 2024, In: *Digital Scholarship in the Humanities*. 39, 4, p. 1043–1063 21 p.

Code Debugging with LLM-Generated Explanations of Programming Error Messages

Lee, J. S. Y., Liu, F. & Cai, T., 19 Nov 2024, *2024 IEEE 13th International Conference on Engineering Education (ICEED)*.

CompLex-ZH: A New Dataset for Lexical Complexity Prediction in Mandarin and Cantonese

Qiu, L., Guo, S., Wong, T.-S., Chersoni, E., Lee, J. S. Y. & Huang, C.-R., Nov 2024, *Proceedings of the Third Workshop on Text Simplification, Accessibility and Readability (TSAR 2024)*. Shardlow, M., Saggion, H., Alva-Manchego, F., Zampieri, M., North, K., Štajner, S. & Stodden, R. (eds.). Association for Computational Linguistics, p. 20-26

Few-shot Question Generation for Reading Comprehension

Poon, Y., Lee, J. S. Y., Lam, Y. Y., Suen, W. L., Ong, E. L. C. & Chu, S. K. W., Aug 2024, *Proceedings of the 10th SIGHAN Workshop on Chinese Language Processing (SIGHAN-10)*. Association for Computational Linguistics (ACL), p. 21-27

Improving Readability Assessment with Ordinal Log-Loss

Lim, H. H. & Lee, J. S. Y., Jun 2024, *Proceedings of the 19th Workshop on Innovative Use of NLP for Building Educational Applications (BEA 2024)*. Association for Computational Linguistics, p. 343–350

CSSWiki: A Chinese Sentence Simplification Dataset with Linguistic and Content Operations

Liu, F. & Lee, J. S. Y., 23 May 2024, *Proceedings of the 2024 Joint International Conference on Computational Linguistics, Language Resources and Evaluation (LREC-COLING 2024)*. European Language Resources Association (ELRA), p. 4205-4213 (Joint International Conference on Computational Linguistics, Language Resources and Evaluation, LREC-COLING - Main Conference Proceedings).

Personalized and adaptive text recommendation for learners of Chinese

Lee, J. S. Y., Yeung, C. Y. & Yang, Z., May 2024, In: *Interactive Learning Environments*. 32, 3, p. 1091–1104 14 p.

Verb frame distribution and text difficulty: A corpus-based analysis of verb frames in Chinese textbooks

Liu, M., Zhang, Z. & Lee, J. S. Y., May 2024, In: *International Journal of Applied Linguistics*. 34, 2, p. 621-641

Lexical complexity in exemplar EFL texts: Towards text adaptation for 12 grades of basic English curriculum in China

Su, Y., Liu, K., Liu, F., Lee, J. & Jin, T., 25 Mar 2024, In: *International Review of Applied Linguistics in Language Teaching*. 62, 1, p. 137-164 Scopus citations: 1

Vocabulary Profiling of Reading Materials for Learning Chinese

Lim, H. H., Lee, J. S. Y. & Liu, M., 2024, *2024 12th International Conference on Information and Education Technology, ICIET 2024*. Institute of Electrical and Electronics Engineers, Inc., p. 53-57 (International Conference on Information and Education Technology, ICIET).

Effect of chatbot-assisted language learning: A meta-analysis

Zhang, S., Shan, C., Lee, J. S. Y., Che, S. & Kim, J. H., Nov 2023, In: *Education and Information Technologies*. 28, 11, p. 15223–15243 Scopus citations: 43

Comparing Chinese-English MT Performance Involving ChatGPT and MT Providers and the Efficacy of AI mediated Post-Editing

Cady, L. P., Tsou, B. K. & Lee, J. S. Y., Sept 2023, *Proceedings of Machine Translation Summit XIX*. Asia-Pacific Association for Machine Translation, Vol. 2: Users Track. p. 205-216 (MT Summit - Proceedings of Machine Translation Summit; vol. 2 (2023)). Scopus citations: 3

Post-editing of Technical Terms based on Bilingual Example Sentences

Chan, E. K. Y., Lee, J. S. Y., Cheng, C. & Tsou, B. K., Sept 2023, *Proceedings of Machine Translation Summit XIX: Vol. 1: Research Track*. Asia-Pacific Association for Machine Translation, Vol. 1. p. 385-392 (MT Summit - Proceedings of Machine Translation Summit). Scopus citations: 1

Hybrid Models for Sentence Readability Assessment

Liu, F. & Lee, J. S. Y., 13 Jul 2023, *Proceedings of the 18th Workshop on Innovative Use of NLP for Building Educational Applications (BEA 2023)*. Association for Computational Linguistics, p. 448-454 (Proceedings of the Annual Meeting of the Association for Computational Linguistics). Scopus citations: 7

Correction to: Universal Dependencies for Mandarin Chinese

Poiret, R., Wong, T.-S., Lee, J., Gerdes, K. & Leung, H., Jun 2023, In: *Language Resources and Evaluation*. 57, 2, p. 711

Universal Dependencies for Mandarin Chinese

Poiret, R., Wong, T.-S., Lee, J., Gerdes, K. & Leung, H., Jun 2023, In: *Language Resources and Evaluation*. 57, 2, p. 673-710 Scopus citations: 8

Automatic Generation of Vocabulary Lists with Multiword Expressions

Lee, J. S. Y. & Uvaliyev, A., 6 May 2023, *The 19th Workshop on Multiword Expressions (MWE 2023): Proceedings of the Workshop*. Association for Computational Linguistics, p. 81–86 (Workshop on Multiword Expressions, MWE -

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Standard and Non-standard Adverbial Markers: a Diachronic Analysis in Modern Chinese Literature

Lee, J. S. Y., Zhan, F., Xie, W., Han, X., Chow, C.-Y. & Lam, K.-Y., 5 May 2023, *The 7th Joint SIGHUM Workshop on Computational Linguistics for Cultural Heritage, Social Sciences, Humanities and Literature: Proceedings of LaTeCH-CLFL 2023*. Association for Computational Linguistics, p. 1–9 Scopus citations: 1

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Wong, T.-S. & Lee, J. S. Y., 2023, *Advances in Corpus Applications in Literary and Translation Studies*. Moratto, R. & Li, D. (eds.). London: Routledge , p. 81-102 (Routledge Advances in Translation and Interpreting Studies).

Feminist translation of sexual content: A quantitative study on Chinese versions of The Color Purple

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SCA-CLS: A New Semantic-Context-Aware Framework for Community-Oriented Lexical Simplification

Li, R., Xie, W., Lee, J. & Hao, T., 2023, *Natural Language Processing and Chinese Computing - 12th National CCF Conference, NLPCC 2023, Proceedings, Part I*. Liu, F., Duan, N., Xu, Q. & Hong, Y. (eds.). Springer, Cham, p. 69-81 (Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics); vol. 14302 LNAI).

Enhancing Automatic Readability Assessment with Pre-training and Soft Labels for Ordinal Regression

Zeng, J., Xie, Y., Yu, X., Lee, J. S. Y. & Zhou, D.-X., Dec 2022, *Findings of the Association for Computational Linguistics: EMNLP 2022*. Goldberg, Y., Kozareva, Z. & Zhang, Y. (eds.). Association for Computational Linguistics, p. 4586-4597 Scopus citations: 9

Robustness of Hybrid Models in Cross-domain Readability Assessment

Lim, H. H., Cai, T., Lee, J. S. Y. & Liu, M., Dec 2022, *Proceedings of the 20th Workshop of the Australasian Language Technology Association: ALTA 2022*. Australasian Language Technology Association, p. 62-67 (Proceedings of the Australasian Language Technology Workshop).Scopus citations: 5

Automatic Nominalization of Clauses through Textual Entailment

Lee, J. S. Y., Lim, H. H., Webster, C. & Melsner, A., Oct 2022, *Proceedings of the 29th International Conference on Computational Linguistics*. International Committee on Computational Linguistics, p. 6002-6006 (Proceedings - International Conference on Computational Linguistics, COLING; vol. 29, no. 1).

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A Corpus of Simulated Counselling Sessions with Dialog Act Annotation

Lee, J. S. Y., Fong, H. H. M., Wong, L. S. J., Mak, C. C., Yip, C. H. & Ng, C. W. L., Jun 2022, *Proceedings of the 13th Conference on Language Resources and Evaluation (LREC 2022)*. European Language Resources Association (ELRA), p. 5723-5730 (2022 Language Resources and Evaluation Conference, LREC 2022).

An editable learner model for text recommendation for language learning

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Assisted discovery-based learning for literature studies

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Enhancing Automatic Readability Assessment with Verb Frame Features

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Discourse Tree Structure and Dependency Distance in EFL Writing

Yuan, J., Lin, Q. & Lee, J. S. Y., Dec 2021, *Proceedings of the 20th International Workshop on Treebanks and Linguistic Theories (TLT, SyntaxFest 2021)*. Dakota, D., Evang, K. & Kübler, S. (eds.). Association for Computational Linguistics (ACL), p. 105–115 (TLT - International Workshop on Treebanks and Linguistic Theories, Proceedings - To be held as part of SyntaxFest).Scopus citations: 3

Paraphrasing Compound Nominalizations

Lee, J. S. Y., Lim, H. H. & Webster, C., Nov 2021, *Proceedings of the 2021 Conference on Empirical Methods in Natural Language Processing*. Moens, M.-F., Huang, X., Specia, L. & Yih, S.W.-T. (eds.). Association for Computational Linguistics (ACL), p. 8023–8028 (EMNLP 2021 - 2021 Conference on Empirical Methods in Natural Language Processing, Proceedings).Scopus citations: 3

Unsupervised Adverbial Identification in Modern Chinese Literature

Xie, W., Lee, J. S. Y., Zhan, F., Han, X. & Chow, C.-Y., Nov 2021, *Proceedings of the 5th Joint SIGHUM Workshop on Computational Linguistics for Cultural Heritage, Social Sciences, Humanities and Literature*. Degaetano-Ortlieb, S., Kazantseva, A., Reiter, N. & Szpakowicz, S. (eds.). Association for Computational Linguistics, p. 91-95 5 p. (Joint SIGHUM Workshop on Computational Linguistics for Cultural Heritage, Social Sciences, Humanities and Literature, LaTeCHCLFL - Co-located with the Conference on Empirical Methods in Natural Language Processing, EMNLP - Proceedings).Scopus citations: 2

Text Retrieval for Language Learners: Graded Vocabulary vs. Open Learner Model

Lee, J. S. Y. & Yeung, C. Y., Sept 2021, *International Conference Recent Advances in Natural Language Processing, RANLP 2021: Deep Learning for Natural Language Processing Methods and Applications - Proceedings*. Angelova, G., Kunilovskaya, M., Mitkov, R. & Nikolova-Koleva, I. (eds.). INCOMA Ltd., p. 798-804 (International Conference Recent Advances in Natural Language Processing, RANLP).Scopus citations: 2

Restatement and Question Generation for Counsellor Chatbot

Lee, J. S. Y., Liang, B. & Fong, H. H. M., Aug 2021, *NLP4PosImpact 2021 - The 1st Workshop on NLP for Positive Impact: Proceedings of the Workshop*. Field, A., Prabhunoye, S., Sap, M., Jin, Z., Zhao, J. & Brockett, C. (eds.). Association for Computational Linguistics (ACL), p. 1-7

Character Set Construction for Chinese Language Learning

Yeung, C. Y. & Lee, J., 20 Apr 2021, *Proceedings of the 16th Workshop on Innovative Use of NLP for Building Educational Applications*. Association for Computational Linguistics (ACL), p. 59–63 Scopus citations: 1

Response Selection for a Virtual Counsellor

Lee, J. & Liang, B., Apr 2021, *The Web Conference 2021: Companion of The World Wide Web Conference WWW 2021*. Association for Computing Machinery, Inc, p. 495-499 (The Web Conference - Companion of the World Wide Web Conference, WWW).Scopus citations: 1

Using Bilingual Patents for Translation Training

Lee, J., Tsou, B. & Cai, T., 8 Dec 2020, *Proceedings of the 28th International Conference on Computational Linguistics*. International Committee on Computational Linguistics, p. 3461–3466 Scopus citations: 3

Transcrobes: An Open, Web-scalable Platform for Radically Personalised L2 Development

MELSER, A. & LEE, J., 7 Dec 2020.

Automatic Assistance for Academic Word Usage

Saberi, D., Lee, J. & Webster, J., Dec 2020, *Proceedings of the 28th International Conference on Computational Linguistics*. International Committee on Computational Linguistics, p. 2163–2168 6 p.Scopus citations: 2

A Hybrid Model for Community-Oriented Lexical Simplification

Song, J., Shen, Y., Lee, J. & Hao, T., Oct 2020, *Natural Language Processing and Chinese Computing - 9th CCF International Conference, NLPCC 2020, Proceedings*. Zhu, X., Zhang, M. & Hong, Y. (eds.). Springer Nature Switzerland AG, Vol. Part I. p. 132-144 (Lecture Notes in Computer Science; vol. 12430).Scopus citations: 2

Bilingual Multi-word Expressions, Multiple-correspondence, and their Cultivation from Parallel Patents: The Chinese-English Case

Tsou, B. K., Chow, K. P., Lee, J., Yip, K.-F., Ji, Y. & Wu, K., Oct 2020, *Proceedings of the 34th Pacific Asia Conference on Language, Information and Computation*. Association for Computational Linguistics (ACL), p. 589–602 14 p. (Pacific Asia Conference Language Information and Computation).

A Counselling Corpus in Cantonese

Lee, J., Cai, T., Xie, W. & Xing, L., May 2020, *Proceedings of the LREC 2020 1st Joint SLTU and CCURL Workshop (SLTU-CCURL 2020)*. Beermann, D., Besacier, L. & Sakti, S. (eds.). European Language Resources Association (ELRA), p. 358-361

A Dataset for Investigating the Impact of Feedback on Student Revision Outcome

Pilán, I., Lee, J., Yeung, C. Y. & Webster, J., May 2020, *LREC 2020 - 12th International Conference on Language Resources and Evaluation, Conference Proceedings*. European Language Resources Association (ELRA), p. 332–339 (LREC - International Conference on Language Resources and Evaluation, Conference Proceedings).Scopus citations: 5

Automatic Compilation of Resources for Academic Writing and Evaluating with Informal Word Identification and Paraphrasing System

Yimam, S. M., Venkatesh, G., Lee, J. S. Y. & Biemann, C., May 2020, *LREC 2020 - 12th International Conference on Language Resources and Evaluation, Conference Proceedings*. European Language Resources Association (ELRA), p. 5896–5904 (LREC - International Conference on Language Resources and Evaluation, Conference Proceedings).Scopus citations: 3

Using Verb Frames for Text Difficulty Assessment

Lee, J., Liu, M. & Cai, T., May 2020, *Proceedings of the LREC International FrameNet Workshop 2020: Towards a Global, Multilingual FrameNet*. ELDA/ELRA, p. 56-62

A Method of Facilitating Natural Language Interactions, A Method of Simplifying an Expression and System Thereof

LEE, J. S. Y. (Inventor), 28 Apr 2020, Patent No. US10,635,862, Priority No. 15/849,927

Computer-Assisted Learning for Chinese Based on Character Families

Lee, J. & Yeung, C. Y., 2020, *Information Management and Big Data: 6th International Conference, SIMBig 2019, Proceedings*. Lossio-Ventura, J. A., Condori-Fernandez, N. & Valverde-Rebaza, J. C. (eds.). Springer, p. 299-305 (Communications in Computer and Information Science; vol. 1070).Scopus citations: 2

Character profiling in low-resource language documents

Wong, T.-S. & Lee, J., Dec 2019, *ADCS '19: Proceedings of the 24th Australasian Document Computing Symposium*. Demartini, G. & Thomas, P. (eds.). Association for Computing Machinery, 5. (ACM International Conference Proceeding Series).

Dialogue analysis: a case study on the New Testament

Yeung, C. Y. & Lee, J., Dec 2019, In: *Language Resources and Evaluation*. 53, 4, p. 603–623

Difficulty-aware Distractor Generation for Gap-Fill Items

Yeung, C. Y., Lee, J. & Tsou, B., Dec 2019, *Proceedings of the 17th Workshop of the Australasian Language Technology Association*. Australasian Language Technology Association, p. 167-172 Scopus citations: 15

Carrier Sentence Selection with Word and Context Embeddings

Yeung, C. Y., Lee, J. & Tsou, B., Nov 2019, *Proceedings of the 2019 International Conference on Asian Language Processing (IALP)*. Lan, M., Wu, Y., Dong, M., Lu, Y. & Yang, Y. (eds.). Institute of Electrical and Electronics Engineers, p. 439-444 9037727. (Proceedings of the International Conference on Asian Language Processing, IALP).

Expanding Students' Registerial Repertoire with a Writing Assistance Tool

Lee, J. S. Y., Cheung, L. M. E., Saberi, D. & Webster, J. J., Nov 2019, In: *Journal of English for Academic Purposes*. 42, 100777. Scopus citations: 3

Noun Generation for Nominalization in Academic Writing

Saberi, D. & Lee, J., Nov 2019.

Personalized Substitution Ranking for Lexical Simplification

Lee, J. & Yeung, C. Y., Oct 2019, *INLG 2019 - The 12th International Conference on Natural Language Generation: Proceedings of the Conference*. Deemter, K. V., Lin, C. & Takamura, H. (eds.). Association for Computational Linguistics (ACL), p. 258-267 (INLG - International Conference on Natural Language Generation, Proceedings of the Conference). Scopus citations: 11

Example Sentence Selection for Feedback on Preposition Usage

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An Emotion Detection System for Cantonese

Lee, J., May 2019, *Proceedings of the Thirty-Second International Florida Artificial Intelligence Research Society Conference*. Barták, R. & Brawner, K. (eds.). AAAI Press, p. 237-240 (Proceedings of the International Florida Artificial Intelligence Research Society Conference, FLAIRS). Scopus citations: 2

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黃得森 & 李思源, 13 Apr 2019.

Vernacularization in Medieval Chinese: A quantitative study on classifiers, demonstratives, and copulae in the Chinese Buddhist Canon

Wong, T.-S. & Lee, J. S. Y., Apr 2019, In: *Digital Scholarship in the Humanities*. 34, 1, p. 64–81 Scopus citations: 1

Assisted Nominalization for Academic English Writing

Lee, J., Saberi, D., Lam, M. & Webster, J., Nov 2018, *Proceedings of the Workshop on Intelligent Interactive Systems and Language Generation (2IS&NLG)*. Association for Computational Linguistics (ACL), p. 26-30 Scopus citations: 5

汉语中介语依存关系的标注

李思源, 李柯莹 & 梁瀚文, 1 Sept 2018, *实证和语料库语言学前沿*. 揭春雨 & 刘美君 (eds.). 中国社会科学出版社, p. 372-394

Personalized Text Retrieval for Learners of Chinese as a Foreign Language

Yeung, C. Y. & Lee, J., Aug 2018, *Proceedings of the 27th International Conference on Computational Linguistics*. Association for Computational Linguistics, p. 3448-3455 (COLING - International Conference on Computational Linguistics, Proceedings). Scopus citations: 17

Personalizing Lexical Simplification

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Inducing Word Clusters from Classical Chinese Poems

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A Greek-Chinese Interlinear of the New Testament Gospels and its Applications

Lee, J. S. Y., Wong, S. S. M., Tang, P. K. & Webster, J., 4 Jun 2018, In: *Linguistics and the Human Sciences*. 12, 1, p. 67-87

L1-L2 Parallel Treebank of Learner Chinese: Overused and Underused Syntactic Structures

Li, K. & Lee, J., May 2018, *LREC 2018, Eleventh International Conference on Language Resources and Evaluation Proceedings*. Calzolari, N., Choukri, K., Cieri, C., Declerck, T., Goggi, S., Hasida, K., Isahara, H., Maegaard, B., Mariani, J., Mazo, H., Moreno, A., Odijk, J., Piperidis, S. & Tokunaga, T. (eds.). European Language Resources Association (ELRA), p. 4106-4110 (LREC 2018, Eleventh International Conference on Language Resources and Evaluation). Scopus citations: 1

Automatic prediction of vocabulary knowledge for learners of Chinese as a foreign language

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Syntactic patterns in classical Chinese poems: A quantitative study

Lee, J., Kong, Y. H. & Luo, M., Apr 2018, In: *Digital Scholarship in the Humanities*. 33, 1, p. 82-95 Scopus citations: 14

Register-sensitive Translation: A Case Study of Mandarin and Cantonese

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Carrier Sentence Selection for Fill-in-the-blank Items

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國粵平行依存樹庫為本之量化研究

黃得森 & 李思源, Dec 2017.

Lexical Simplification with the Deep Structured Similarity Model

Pereira, L., Liu, X. & Lee, J., 30 Nov 2017, p. 430-435.

Identifying Speakers and Listeners of Quoted Speech in Literary Works

Yeung, C. Y. & Lee, J., 27 Nov 2017, p. 325-329.

A semantic-context ranking approach for community-oriented english lexical simplification

Hao, T., Xie, W. & Lee, J., Nov 2017, *Natural Language Processing and Chinese Computing - 6th CCF International Conference, NLPCC 2017, Proceedings*. Springer, Cham, p. 784-796 (Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics); vol. 10619 LNAI). Scopus citations: 3

Automatic Difficulty Assessment for Chinese Texts

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Distractor Generation for Chinese Fill-in-the-blank Items

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L1-L2 Parallel Dependency Treebank as Learner Corpus

Lee, J., Li, K. & Leung, H., Sept 2017, *Proceedings of the 15th International Conference on Parsing Technologies*. Miyao, Y. & Sagae, K. (eds.). Association for Computational Linguistics (ACL), p. 44-49 (IWPT - International Conference on Parsing Technologies, Proceedings). Scopus citations: 6

Quantitative Comparative Syntax on the Cantonese-Mandarin Parallel Dependency Treebank

Wong, T.-S., Gerdes, K., Leung, H. & Lee, J., Sept 2017, *Proceedings of the Fourth International Conference on Dependency Linguistics (Depling 2017)*. Montemagni, S. & Nivre, J. (eds.). Linköping: Linköping University Electronic Press, p. 266-275 (Linköping Electronic Conference Proceedings; no. 139).

Splitting Complex English Sentences

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Towards Universal Dependencies for Learner Chinese

Lee, J., Leung, H. & Li, K., 22 May 2017, *Proceedings of the NoDaLiDa 2017 Workshop on Universal Dependencies, UDW 2017*. Catherine de Marneffe, M., Nivre, J. & Schuster, S. (eds.). Association for Computational Linguistics (ACL), p. 67-71 (Proceedings of the NoDaLiDa Workshop on Universal Dependencies, UDW)(Linköping Electronic Conference Proceedings; no. 135)(NEALT Proceedings Series; vol. 31).Scopus citations: 12

Word clustering for parallelism in Classical Chinese poems

Lee, J. & Luo, M., 10 Mar 2017, *Proceedings of the 2016 International Conference on Asian Language Processing, IALP 2016*. Institute of Electrical and Electronics Engineers, Inc., p. 49-52 7875932Scopus citations: 4

Developing Universal Dependencies for Mandarin Chinese

Leung, H., Poirer, R., Wong, T.-S., Chen, X., Gerdes, K. & Lee, J., 12 Dec 2016, *The 12th Workshop on Asian Language Resources: Proceedings of the Workshop, December 12, 2016, Osaka, Japan*. Hasida, K., Wong, K.-F., Calzolari, N. & Choi, K.-S. (eds.). Osaka, Japan, p. 20-29

A Customizable Editor for Text Simplification

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A Reading Environment for Learners of Chinese as a Foreign Language

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A CALL system for learning preposition usage

Lee, J., Sturgeon, D. & Luo, M., Aug 2016, *54th Annual Meeting of the Association for Computational Linguistics, ACL 2016 - Long Papers*. Association for Computational Linguistics (ACL), Vol. 1. p. 984-993 Scopus citations: 7

Personalized exercises for preposition learning

Lee, J. & Luo, M., Aug 2016, *54th Annual Meeting of the Association for Computational Linguistics, ACL 2016 - System Demonstrations*. Association for Computational Linguistics (ACL), p. 115-120 Scopus citations: 4

Hierarchy of Characters in the Chinese Buddhist Canon

LEE, J. S. Y. & WONG, T. S., 16 May 2016, *Proceedings of the Twenty-Ninth International Florida Artificial Intelligence Research Society Conference*. p. 531-534 Scopus citations: 1

Semantic Parallelism in Classical Chinese Poems

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A Dependency Treebank of the Chinese Buddhist Canon

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Prizes

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LEE, J. S. Y. (Recipient), 2019

Excellence in Knowledge Transfer Award (Certificate of Merit)

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UGC Funding Scheme for Teaching & Learning Related Proposals (2016-19 Triennium), Meeting the Challenge of Teaching and Learning Language in the University: Enhancing Linguistic Competence and Performance in English and Chinese

WEBSTER, J. J. (Recipient), LIU, M. (Recipient), YAN, X. (Recipient), LEE, W. S. (Recipient), LEE, J. S. Y. (Recipient), Lam, M. (Recipient), PAN, H. (Recipient) & Pan, J. (Recipient), 1 Sept 2017

Projects

LF: A Mobile, Personal Reading Tutor for Learners of Chinese

LEE, J. S. Y. (Principal Investigator / Project Coordinator), KIT, C. Y. (Co-Investigator) & WEBSTER, J. J. (Co-Investigator)

1/02/16 → 31/07/18

ITF: An Automatic Text Analysis and Simplification Tool for Learners of English

LEE, J. S. Y. (Principal Investigator / Project Coordinator)

1/12/15 → 31/05/17

SRG: A Reading Environment for Classical Chinese

LEE, J. S. Y. (Principal Investigator / Project Coordinator) & CRANE, G. (Co-Investigator)

1/05/10 → 9/05/13

LF: A Text Difficulty Analysis Tool for Developing Extra-Curricular Reading Materials

LEE, J. S. Y. (Principal Investigator / Project Coordinator) & LIU, M. (Co-Investigator)

1/10/21 → 31/12/24

ECS: A Treebank for the Chinese Buddhist Canon

LEE, J. S. Y. (Principal Investigator / Project Coordinator)

1/11/12 → 31/03/16

ITF: Automatic Generation of Exercises for Learning Chinese

LEE, J. S. Y. (Principal Investigator / Project Coordinator)

1/06/18 → 29/02/20

TDG(CityU): Chatbots as Pedagogical Tools: A Feasibility Study

LEE, J. S. Y. (Principal Investigator / Project Coordinator)

17/07/23 → ...

HMRF: CityPal: A Chatbot for Enhancing Young Adults' Psychological Well-Being

LEE, J. S. Y. (Principal Investigator / Project Coordinator), HO, S. M. Y. (Co-Investigator), LIU, M. (Co-Investigator) & NG, C. W. L. (Co-Investigator)

1/06/20 → 14/06/22

TDG(CityU): Data-driven Evaluation of Computer-assisted Translation Systems for Pedagogical Purposes

LEE, J. S. Y. (Principal Investigator / Project Coordinator) & KIT, C. Y. (Co-Investigator)

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TDG(CityU): Evidence-based Learning for Students of Linguistics and Language Technology

LEE, J. S. Y. (Principal Investigator / Project Coordinator)

1/09/11 → 31/08/13

QEdF: Knowledge Overlord - A Self-sustaining AI Game-based Online Platform to Enhance Student's Literacy Ability and 21st Century Skills

LEE, J. S. Y. (Principal Investigator / Project Coordinator)

1/09/23 → ...

SRG: Manual and Automatic Creation of Learner Corpora

LEE, J. S. Y. (Principal Investigator / Project Coordinator), Chodorow, M. (Co-Investigator), Tetreault, J. (Co-Investigator) & WEBSTER, J. J. (Co-Investigator)

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TLF(UGC): Meeting the Challenge of Teaching and Learning Language in the University: Enhancing Linguistic Competence and Performance in English and Chinese

LIU, M. (Principal Investigator / Project Coordinator), LAM, M.M.-K. (Co-Investigator), LEE, J. S. Y. (Co-Investigator), LEE, W. S. (Co-Investigator), PAN, J. J. (Co-Investigator), PAN, H.-H. (Co-Investigator), WEBSTER, J. J. (Co-Investigator) & YAN, X. (Co-Investigator)
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TLF(UGC): Meeting the Challenge of Teaching and Learning Language in the University: Enhancing Linguistic Competence and Performance in English and Chinese

YAN, X. (Principal Investigator / Project Coordinator), LAM, M.M.-K. (Co-Investigator), LEE, W. S. (Co-Investigator), LEE, J. S. Y. (Co-Investigator), LIU, M. (Co-Investigator), PAN, J. J. (Co-Investigator), PAN, H.-H. (Co-Investigator) & WEBSTER, J. J. (Co-Investigator)
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TLF(UGC): Meeting the Challenge of Teaching and Learning Language in the University: Enhancing Linguistic Competence and Performance in English and Chinese

LEE, W. S. (Principal Investigator / Project Coordinator), LAM, M.M.-K. (Co-Investigator), LEE, J. S. Y. (Co-Investigator), LIU, M. (Co-Investigator), PAN, H.-H. (Co-Investigator), PAN, J. J. (Co-Investigator), WEBSTER, J. J. (Co-Investigator) & YAN, X. (Co-Investigator)
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WEBSTER, J. J. (Principal Investigator / Project Coordinator), LAM, M.M.-K. (Co-Investigator), LEE, W. S. (Co-Investigator), LEE, J. S. Y. (Co-Investigator), LIU, M. (Co-Investigator), PAN, J. J. (Co-Investigator), PAN, H.-H. (Co-Investigator) & YAN, X. (Co-Investigator)
1/09/17 → 31/08/21

GRF: Semantic Modeling for Sentence-level Readability Assessment

LEE, J. S. Y. (Principal Investigator / Project Coordinator), LIU, M. (Co-Investigator) & Sun, W. (Co-Investigator)
1/01/21 → 17/06/24

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ZHU, C. (Principal Investigator / Project Coordinator), Hao, T. (Co-Investigator) & LEE, J. S. Y. (Co-Investigator)
1/10/15 → 15/06/17

FR/HKJRS: Semi-automatic Creation of a Parallel Treebank of Cantonese and Mandarin

LEE, J. S. Y. (Principal Investigator / Project Coordinator) & GERDES, K. (Co-Investigator)
1/01/16 → 16/03/18

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LEE, J. S. Y. (Principal Investigator / Project Coordinator), HIRSCHMANN, H. (Co-Investigator), LÜDELING, A. (Co-Investigator), Reznicek, M. (Co-Investigator), WEBSTER, J. J. (Co-Investigator) & Zeldes, A. (Co-Investigator)
1/01/12 → 11/06/14

ResCtrs: The Halliday Centre for Intelligent Applications of Language Studies (HCLS)

FANG, C. A. (Principal Investigator / Project Coordinator), CATEDRAL, L.H.-C. M. (Co-Investigator), HAFNER, C. (Co-Investigator), HUANG, Y.-H. (Co-Investigator), KIM, J. W. (Co-Investigator), LEE, J. S. Y. (Co-Investigator), MAI, Z. M. (Co-Investigator), SCHILLER, N. O. (Co-Investigator), YAN, X. (Co-Investigator) & ZHANG, Q. (Co-Investigator)
1/04/05 → ...