



- P22** CoSpec: Efficient LLM Serving with Colocated Speculative Decoding  
Sangjin Choi, Hyunjae Lee, Seungjae Lim, [Sukmin Cho](#), Wooseok Gwak, and Youngjin Kwon  
Under Review
- P21** Database-Augmented Query Representation for Information Retrieval  
Soyeong Jeong, Jinheon Baek, [Sukmin Cho](#), Sung Ju Hwang, and Jong C. Park  
Empirical Methods in Natural Language Processing (**EMNLP**), 2025.(**Oral**)
- P20** The rag paradox: A black-box attack exploiting unintentional vulnerabilities in retrieval-augmented generation systems  
Chanwoo Choi, Jinsoo Kim, [Sukmin Cho](#), Soyeong Jeong, and Buru Chang  
Findings of Empirical Methods in Natural Language Processing (**Findings of EMNLP**), 2025.
- P19** Upcycling Candidate Tokens of Large Language Models for Query Expansion  
Jinseok Kim, [Sukmin Cho](#), Soyeong Jeong, Sangyeop Kim and Sungzoon Cho  
Conference on Information and Knowledge Management (**CIKM**), 2025.
- P18** Temporal Information Retrieval via Time-Specifier Model Merging  
SeungYoon Han, Taeho Hwang, [Sukmin Cho](#), Soyeong Jeong, Hoyun Song, Huije Lee, and Jong C. Park  
Towards Knowledgeable Foundation Models (**KnowFM@ACL**), 2025.
- P17** EXIT: Context-Aware Extractive Compression for Enhancing Retrieval-Augmented Generation  
Taeho Hwang, [Sukmin Cho](#), Soyeong Jeong, Hoyun Song, SeungYoon Han, and Jong C. Park  
Findings of Annual Meeting of the Association for Computational Linguistics (**Findings of ACL**), 2025.
- P16** Does Rationale Quality Matter? Enhancing Mental Disorder Detection via Selective Reasoning Distillation  
Hoyun Song, Huije Lee, Jisu Shin, [Sukmin Cho](#), Changgeon Ko, and Jong C. Park  
Findings of Annual Meeting of the Association for Computational Linguistics (**Findings of ACL**), 2025.
- P15** Lossless Acceleration of Large Language Models with Hierarchical Drafting based on Temporal Locality in Speculative Decoding  
[Sukmin Cho](#), Sangjin Choi, Taeho Hwang, Jeongyeon Seo, Soyeong Jeong, Huije Lee, Hoyun Song, Jong C. Park, and Youngjin Kwon  
Findings of Nations of the Americas Chapter of the Association for Computational Linguistics (**Findings of NAACL**), 2025.
- P14** An Efficient Sign Language Translation Using Spatial Configuration and Motion Dynamics with LLMs  
Eui Jun Hwang, [Sukmin Cho](#), Junmyeong Lee, and Jong C. Park  
Nations of the Americas Chapter of the Association for Computational Linguistics (**NAACL**), 2025.(**Oral**)
- P13** A Spatio-Temporal Representation Learning as an Alternative to Traditional Glosses in Sign Language Translation and Production  
Eui Jun Hwang, [Sukmin Cho](#), Huije Lee, Youngwoo Yoon, and Jong C Park  
IEEE/CVF Winter Conference on Applications of Computer Vision (**WACV**), 2025.
- P12** PiLaMIM: Toward Richer Visual Representations by Integrating Pixel and Latent Masked Image Modeling  
Junmyeong Lee, Euijun Hwang, [Sukmin Cho](#), and Jong C. Park  
Self-Supervised Learning - Theory and Practice (**SSL@NeurIPS**), 2024.
- P11** Typos that Broke the RAG's Back: Genetic Attack on RAG Pipeline by Simulating Documents in the Wild via Low-level Perturbations  
[Sukmin Cho](#), Soyeong Jeong, Jeongyeon Seo, Taeho Hwang, and Jong C. Park  
Findings of Empirical Methods in Natural Language Processing (**Findings of EMNLP**), 2024.
- P10** Towards Effective Counter-Responses: Aligning Human Preferences with Strategies to Combat Online Trolling

Huije Lee, Hoyun Song, Jisu Shin, Sukmin Cho, SeungYoon Han, and Jong C. Park  
Findings of Empirical Methods in Natural Language Processing (**Findings of EMNLP**), 2024.

- P9** DSLR: Document Refinement with Sentence-Level Re-ranking and Reconstruction to Enhance Retrieval-Augmented Generation  
Taeho Hwang, Soyeong Jeong, Sukmin Cho, SeungYoon Han, and Jong C. Park  
Knowledge Augmented Methods for NLP Workshop (**KnowledgeNLP@ACL**), 2024.
- P8** Preprocessing Mediapipe Keypoints with Keypoint Reconstruction and Anchors for Isolated Sign Language Recognition  
Kyunggen Roh, Huije Lee, Eui Jun Hwang, Sukmin Cho, and Jong C. Park  
Representation and Processing of Sign Languages: Evaluation of Sign Language Resources (**sign-lang@LREC-COLING**), 2024.
- P7** Adaptive-RAG: Learning to Adapt Retrieval-Augmented Large Language Models through Question Complexity  
Soyeong Jeong, Jinheon Baek, Sukmin Cho, Sung Ju Hwang, and Jong C. Park  
North American Chapter of the Association for Computational Linguistics (**NAACL**), 2024.
- P6** Improving Zero-shot Reader by Reducing Distractions from Irrelevant Documents in Open-Domain Question Answering  
Sukmin Cho, Jeongyeon Seo, Soyeong Jeong and Jong C. Park  
Findings of Empirical Methods in Natural Language Processing (**Findings of EMNLP**), 2023.
- P5** Test-Time Self-Adaptive Small Language Models for Question Answering  
Soyeong Jeong, Jinheon Baek, Sukmin Cho, Sung Ju Hwang and Jong C. Park  
Findings of Empirical Methods in Natural Language Processing (**Findings of EMNLP**), 2023.
- P4** Discrete Prompt Optimization via Constrained Generation for Zero-shot Re-ranker  
Sukmin Cho, Soyeong Jeong, Jeongyeon Seo and Jong C. Park  
Findings of Annual Meeting of the Association for Computational Linguistics (**Findings of ACL**), 2023..
- P3** Sign language production with avatar layering: A critical use case over rare words  
Jung-Ho Kim, Eui Jun Hwang, Sukmin Cho, Du Hui Lee and Jong C. Park  
International Conference on Language Resources and Evaluation (**LREC**), 2022.
- P2** Query generation with external knowledge for dense retrieval  
Sukmin Cho, Soyeong Jeong, Wonsuk Yang and Jong C. Park  
Deep Learning Inside Out (**DeeLIO@ACL**), 2022.
- P1** Augmenting Document Representations for Dense Retrieval with Interpolation and Perturbation  
Soyeong Jeong, Jinheon Baek, Sukmin Cho, Sung Ju Hwang and Jong C. Park  
Annual Meeting of the Association for Computational Linguistics (**ACL**), 2022. (**Oral**)

## ACADEMIC SERVICE

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Reviewer of <b>NeurIPS</b>	2026
Reviewer of <b>CVPR</b>	2026
Reviewer of <b>ACL ARR</b>	2023 - 2026
Reviewer of <b>IEEE Access</b>	2023

## AWARD

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Outstanding Reviewer Award at EACL 2026  
Best Paper Award at Korea Computer Congress (KCC) 2024  
Best Paper Award at Annual Conference on Human & Cognitive Language Technology (HCLT) 2023  
Best Presentation Award at Korea Computer Congress (KCC) 2022

## SKILLS

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Language: Korean (mother tongue), English (fluent)

Programming: Python, C