

# HAIJIANG LIU

PH.D. STUDENT



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## FOCUS AREAS

Natural Language Processing: Multilingualism, Cross-cultural Value Adaptation, Knowledge Graphs, Large Language Models.

## EMPLOYMENT

4/20/2025 – Today **Visiting Researcher**, The Hong Kong University of Science and Technology (Guangzhou).

## EDUCATION

2023 – Today **Ph.D., Control Science and Engineering**, Wuhan University of Science and Technology  
Advisors: Jinguang GU.  
Focusing on Natural Language Processing with an emphasis on cross-cultural and multilingual adaptations in Large Language Model and Knowledge Graphs.

2010 – 2017 **B.Sc., Software Engineering**, Wuhan University of Science and Technology

## RESEARCH PROJECTS

2025 – 2026 *Constructing knowledge graphs of culture-loaded words and their demonstration application in the cross-cultural field.* Participate (leader Qiaoling XIAO. Philosophy and Social Sciences Fund. 2025–2026). 10,000 RMB.

2024 – 2025 *Theoretical and practical paths for Hubei provincial universities to carry out high-level applied technology exchanges and cooperation with African countries in subdivided fields.* Participate. The Soft Science Plan Research Project of Hubei Province. 2024–2025). 10,000 RMB.

## ACADEMIC ACTIVITIES

2024 **Volunteer**, CCF Wuhan Member Activity Center 2024 Annual Meeting.

2024 **Co-organizer**, AI+Humanities Seminar and 2024 Knowledge Organization Academic Exchange Forum.

2023 **Volunteer**, The fourth Data Intelligence and Knowledge Services Seminar (DIKS 2024).

Others **(Co-) Review**, academic conferences, workshops and journals

## SELECTED PUBLICATIONS

7 publications (2 as first author). Citations: 4. h-index: 1. For a full list, see <https://scholar.google.com.hk/citations?user=xryZO0YAAAAJ>.

**Liu, Haijiang**, Chen Qiu, Qiyuan Li, Maofu Liu, Li Wang, and Jinguang Gu. 2025. 'Deep Stable Learning for Cross-Lingual Dependency Parsing'. *ACM Transactions on Asian and Low-Resource Language Information Processing* 3735509. doi:[10.1145/3735509](https://doi.org/10.1145/3735509).

**Liu, Haijiang**, Yong Cao, Xun Wu, Chen Qiu, Jinguang Gu, Maofu Liu, and Daniel Hershcovich. 2025. 'Towards Realistic Evaluation of Cultural Value Alignment in Large Language Models: Diversity Enhancement for Survey Response Simulation'. *Information Processing & Management* 62(4):104099. doi:[10.1016/j.ipm.2025.104099](https://doi.org/10.1016/j.ipm.2025.104099).

Cao, Yong, **Liu, Haijiang**, Arnav Arora, Isabelle Augenstein, Paul Röttger, and Daniel Hershcovich. 2025. 'Specializing Large Language Models to Simulate Survey Response Distributions for Global Populations'. Pp. 3141–54 in *Proceedings of the 2025 Conference of the Nations of the Americas Chapter of the Association for Computational Linguistics: Human Language Technologies (Volume 1: Long Papers)*, edited by L. Chiruzzo, A. Ritter, and L. Wang. Albuquerque, New Mexico: Association for Computational Linguistics.

Li, Qiyuan, Chen Qiu, **Liu, Haijiang**, Jinguang Gu, and Dan Luo. 2025. 'Decoupled Contrastive Learning for Multilingual Multimodal Medical Pre-Trained Model'. *Neurocomputing* 633:129809. doi:[10.1016/j.neucom.2025.129809](https://doi.org/10.1016/j.neucom.2025.129809).