

HYEWON JANG

Doctoral Researcher in Computational Psycholinguistics

Date: June 7, 2023

General

Personal Information

Email

hye-won.jang@uni-konstanz.de

Website

hyewon-jang-kn.github.io

Github

<https://github.com/hyewon-jang-kn>

Research Interests

General

Computational linguistics, experimental linguistics, psycholinguistics, artificial intelligence

Specific

Sarcasm, humor, impoliteness, implicit meaning, contextual information, multimodality, feature analysis

Education

2021 – present

University of Konstanz

PhD in Computational Psycholinguistics

Supervisors: Junior Prof. Diego Frassinelli, Prof. Bettina Braun

(Completion expected in 2024)

2019 – 2021

University of Konstanz

MA in Speech and Language Processing

Sehr gut mit Auszeichnung (very good with distinction)

2012 – 2017

Seoul National University

BA in English Education

(Minor in Hispanic Language and Literature)

Cum laude

Publications

Peer-Reviewed Publications

- 2023 **Figurative Language Processing: A Linguistically Informed Feature Analysis of the Behavior of Language Models and Humans**
Hyewon Jang[†], Qi Yu[†], Diego Frassinelli
Findings of the Association for Computational Linguistics: ACL 2023.
- 2023 **Intended and Perceived Sarcasm Between Close Friends: What Triggers Sarcasm and What Gets Conveyed?**
Hyewon Jang, Bettina Braun, Diego Frassinelli
Proceedings of the 45th Annual Conference of the Cognitive Science Society (CogSci 2023).

Non-Peer-Reviewed Publications

- 2022 **Lexicon-Based Profiling of Irony and Stereotype Spreaders**
Hyewon Jang
Conference and Labs of the Evaluation Forum (CLEF), September 5–8, 2022, Bologna, Italy.
- 2022 **Capturing Changes in Mood Over Time in Longitudinal Data Using Ensemble Methodologies**
Ana-Maria Bucur, Hyewon Jang, Farhana Ferdousi Liza
Workshop on Computational Linguistics and Clinical Psychology @ North American Association for Computational Linguistics (NAACL), July 10-15, 2022, Seattle, USA (online).

Conference Presentations

- 09/2023 **What types of situations trigger sarcasm? A language generation study.**
Hyewon Jang, Bettina Braun, Diego Frassinelli
Architectures and Mechanisms for Language Processing (AMLaP 29), San Sebastian, Spain.
- 07/2023 **What triggers sarcasm between close friends and what role does humor play in it?**

Hyewon Jang

International Society of Humor Studies Conference 2023, Boston, USA.

06/2023

Vulgar verbal morphology in colloquial Korean and beyond

Colin Davis, Hyewon Jang

The 23rd Biennial Meeting of the International Circle of Korean Linguistics (ICKL 2023), Palacký University Olomouc, Czech Republic.

Work Experience

2020 – 2021

Aon's Assessment Solution, Aon

Hamburg, Germany

Intern at Product Development & Global Analytics

- Interdisciplinary research to improve an AI-based video interview product
- Combination of Natural Language Processing (NLP) methods with psychometric approaches on personality measurement
- Projects: Data quality improvement (feature inspection), Equal Employment Opportunity Commission (EEOC) handling (addressing bias and ethics), data annotation

2017 – 2018

Jeongsang Language School

Seoul, Korea

ESL teacher

- English teaching to students ages 9 -15

Teaching

2023

Corpus Linguistics with Python

Co-teacher [with Diego Frassinelli]

University of Konstanz

Awards and Grants

2022

Student grant at CLEF 2022

Special Interest Group on Information Retrieval (SIGIR)

2022

The Doctoral Fund

Funding for participation in academic events

University of Konstanz

2022

VEUK Award 2021

Award for outstanding performance in MA program

2021 **DAAD Award 2021** (nominated)
German Academic Exchange Service (DAAD)

Service

2023 **Computational Linguistics Lab**
Lab/website manager
- Duties: lab schedule organization, website maintenance
University of Konstanz

2022 – 2023 **Conference for early-career researchers**
Co-organizer
University of Konstanz

2022 – 2023 **Computational Psycholinguistics and Artificial Intelligence**
Computational linguistics research and discussion group
Co-organizer
University of Konstanz

Other Education

2023 **Seventh Summer School on Statistical Methods for Linguistics and Psychology (SMLP)**
University of Potsdam

2022 **European Summer School in Logic, Language and Information (ESSLI)**
National University of Ireland, Galway, Ireland

Skills

Python (all-purpose programming language)

Machine learning, deep learning, multimodal language modeling

Data science, corpus linguistics

Visualization of data (graphs, plots, etc.)

R (programming language for statistical analysis)

Statistical analysis, text data processing, visualization of statistical models and results

FindingFive, Gorilla (experiment set-up tools)

Experiment design, crowdsourcing experiments

HTML (programming language for website creation)

Simple website design

LaTeX (text formatting language for document preparation)

Papers, posters, slides

Languages

Korean	native
English	near-native
German	working knowledge
Spanish	intermediate