

The Interplay between Metaphors and NLP

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<https://sites.google.com/view/metaphor-nlp-tutorial/home>

This tutorial will be of the type Introductory to CL/NLP topics, providing an overview of the metaphor processing field. The tutorial will discuss the influence of various metaphor theories on the creation of annotated resources and models. We will particularly focus on recent directions opened by LLMs for metaphor interpretation in multilingual and multimodal settings. Two types of audience may benefit from this tutorial: researchers in the humanities and computational social sciences interested in automatic or semi automatic metaphor analysis, and NLP researchers interested in understanding metaphor processing and improving metaphor modeling.

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Joanne Boisson is a postdoctoral researcher at Cardiff University working with Prof. Jose Camacho-Collados. She is completing her PhD on metaphor processing within the Cardiff Natural Language Processing group (Cardiff NLP) at the School of Computer Science, where her work focuses on developing resources for computational metaphor studies and on the identification of metaphors and proportional analogies. Prior to her doctoral research, she spent four years as a machine learning engineer and advisor specialising in Mandarin Chinese information extraction.

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Jose Camacho-Collados is a UKRI Future Leaders Fellow and Professor at the School of Computer Science of Cardiff University, where he co-founded the Cardiff Natural Language Processing group (Cardiff NLP). Before joining Cardiff University, he completed his PhD in Sapienza University of Rome and was a Google AI PhD Fellow. Jose has worked in multiple NLP areas with a particular focus on semantics, multilinguality and computational social science with an interdisciplinary perspective.

Elisa Sanchez-Bayona

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Elisa Sanchez-Bayona is a PhD student at the University of the Basque Country (EHU), currently developing her thesis on automatic metaphor processing from a cross-lingual perspective. Her contributions to the field include the creation of resources for Spanish metaphor detection and a parallel dataset for metaphor detection and interpretation tasks. Her work has been published in venues like ConLL, ACL and the Computational Linguistics journal.

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Rodrigo Agerri is a permanent researcher at the HiTZ Center, University of the Basque Country EHU, and a member of ELLIS. Apart from investing a lot of time in metaphor-related research, he is generally interested in multilingual and crosslingual NLP with LLMs. He publishes in major venues, including

Artificial Intelligence, Computational Linguistics, Artificial Intelligence in Medicine, ACL, or EMNLP. He has helped to organize several workshops/shared tasks such as BLEND SemEval 2026, Multilingual CounterSpeech Generation at COLING 2025, and ArgNLE at ECAI 2024.