

Seminario Permanente en Investigación, Formación y Transferencia en Lenguaje y Tecnologías (LINTEC)

*Os invitamos a asistir a la ponencia de
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What's in a name? Revitalizing the Named Entity Recognition Task

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Facultad de Filosofía y Letras, Sala de conferencias***

Abstract

The classic named entity recognition (NER) task of identifying persons, organizations, locations, and more was immortalized almost 25 years ago in the CoNLL shared tasks. Much has changed since, but even more has stayed the same. This talk will explore three lines of research in NER: expanding NER from higher-resourced to less-resourced languages, building NER models for e-commerce, and the difficulty of using LLMs for the NER task. I'll also discuss the common challenges encountered in all three lines of research, such as evaluation reliability and the quality and availability of annotation.

Bionota

Constantine Lignos is an Assistant Professor of Computational Linguistics at Brandeis University. His research focuses on natural language processing models and resources for less-resourced and minoritized languages, resource-constrained domains such as e-commerce, and creative language use such as memes and word blends. His research has spanned many tasks, including named entity recognition, machine translation, summarization, transliteration, language/codeswitching detection, human-robot interaction, language acquisition, and neuro- and psycholinguistics. He is the recipient of best paper awards at AACL (2025) and the Workshop on Insights from Negative Results in NLP (2023) and received Brandeis's Walzer Award for Teaching (2025). He was the founding organizer of the Dataset Creation for Lower-Resourced Languages workshop, and has co-organized the AfricaNLP, Special Interest Group on Under-resourced Languages (SIGUL), and Computation and Written Language (CAWL) workshops. He currently serves as the vice president of the ACL Special Interest Group on Writing Systems and Written Language (SIGWrit) and as an assistant editor for the Northern European Journal of Language Technology (NEJLT).