

Workshop title: Language, Artificial Intelligence and Pluricentricity: New Perspectives for Lexicography

Topic and brief description:

The rapid development of Artificial Intelligence (AI) is opening up new possibilities for modern lexicography while simultaneously presenting fundamental methodological and theoretical challenges. These developments are particularly relevant in the context of pluricentric languages, whose national and regional varieties are characterized by different norms, usage patterns, and linguistic identities. The workshop addresses the question of how AI-based methods and tools can contribute to the description, documentation, and modelling of linguistic variation in pluricentric language contexts, and what implications this may have for lexicographic practice.

Traditionally, lexicography has aimed to systematically record linguistic units and represent their use as accurately as possible. With the availability of large digital corpora, new possibilities have emerged for the automated identification, analysis, and visualization of lexical variation. AI-based methods enable the processing of large amounts of data and can help make regional differences in vocabulary, semantic development and language use visible.

A particular focus of the workshop is on pluricentric approaches to lexicography. Using selected examples, the workshop will explore how national and regional varieties can be appropriately represented in digital dictionaries and lexical resources. The focus is not only on recording linguistic differences but also on examining how AI-based systems may reproduce, reinforce, or potentially distort linguistic norms. A critical examination of algorithmic models and their training data is therefore an essential component of a future-oriented pluricentric lexicography. The workshop will also provide a forum for exchanging ideas on current research projects, methodological approaches and practical applications. Topics for discussion include automated lexeme identification, variant annotation, the use of generative AI in lexicographic workflows, and the integration of lexicographic knowledge into language-based AI systems. The aim is to explore the potential and limitations of AI-based methods from a pluricentric perspective and to provide new impulses for collaboration between lexicography, variation linguistics and computational linguistics.

The workshop is aimed at researchers in lexicography, computational linguistics, and Artificial Intelligence, as well as anyone interested in the challenges and opportunities of language description in the digital age.

Presentations may be given in German or English.

Abstracts on these topics should be no longer than 300 words (excluding references and figures).

Please send your abstract by 25 September 2026 to renata.kriston@uni-miskolc.hu.

Planned number of contributions: approximately 10

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