

8th Globalex Workshop on Lexicography and Neology at EURALEX 2026

GWLN-8 featuring ENEOLI Session (CA22126)

The *Globalex Workshop on Lexicography and Neology* series (GWLN) has established itself as an international forum for lexicographers, scholars, tool developers, and other practitioners interested in how new words and new senses emerge, are detected, evaluated as candidates for inclusion and described in lexicographic resources. Since its inauguration, the workshop has taken place in seven consecutive years in conjunction with annual conferences of the continental lexicography associations, including DSNA (2019), Euralex (2020 online, and 2022), Australex (2021), Asialex (2023), Afrilex (2024), as well as at eLex (2025). Each edition has brought together participants from diverse linguistic and other traditions to share their experience and exchange perspectives on the challenges, methodologies and processes for combining lexicography and neology. For the eighth iteration, GWLN is supported by funding from the European Network on Lexical Innovation (ENEOLI COST Action CA22126) to further strengthen collaboration in Europe and beyond.

The main topic of GWLN-8 is the shifting role of the lexicographer treating neology in the age of artificial intelligence (AI). While lexicography has always been an early adopter of technological advances in linguistics, corpus analysis, and dictionary production workflows, recent developments in large and custom language models have deeply altered the ecology of lexical innovation, its description, and the possibilities for lexicographers. Neologisms now emerge and circulate not only through human linguistic communities, but also through AI-mediated content creation, algorithmic feedback loops, and hybrid forms of human-machine discourse. At the same time, AI-based technologies create new opportunities for lexicographers to automate detection pipelines, evaluate usage patterns, and compile entries grounded in different types of linguistic evidence and linked to highly structured lexical knowledge bases. Against this backdrop, the presentations reflect on lexicography's mediating role between corpus-based empirical evidence, AI-generated content, and the need for reliable, curated and structured lexicographic data that can feed back into and support the emerging hybrid ecosystem of AI-enhanced human communication.

GWLN-8 will be held at the Austrian Academy of Sciences in Vienna, on Sep. 29, featuring the CA22126 ENEOLI Session, and including a flash presentation of posters that will be presented at the EURALEX poster session on Sep. 30. Papers will be published in the form of a thematic issue of *International Journal of Lexicography*.

PROGRAM

Tuesday, 29 September 2026 – Oral Presentations

9:00 **WELCOME** Kris Heylen and Ilan Kernerman

9:00-10:00 **Morning Session**

9:00 **From neologism collection to lexicographic description: A Corpus-LLM-Lexicographer triangulation framework.** Hae-Yun Jung, Jinsan An, Jun Lee and Kilim Nam

9:20 **AI-assisted lexicography in Modern Greek: Neology and genre.** Anastasia Christofidou, Vassiliki Afentoulidou, Ioannis Tziogkas, Christos Papanagiotou and Aretousa Giannakou

9:40 **Documenting the undocumented: Leveraging LLMs for neologism integration into lexicons.** Nikos Mathioudakis and Alexandra Fiotaki

10:00-11:00 **ENEOLI Session**

10:00 **The ENEOLI matrix of neologism selection criteria: A comparative framework for lexicographic practice.** Kris Heylen, Ilan Kernerman, Judit Freixa, Tarja Heinonen, Hae-Yun Jung, Henrik Lorentzen, Kilim Nam, Benjamin Rouxel, Ana Salgado, Miguel Sánchez Ibáñez, Petra Storzjohann and Lars Trap-Jensen

- 10:20 **Can LLMs automate the neologism life cycle? Evaluating GenAI in lexicographical description of new Polish words.** Maciej Ogrodniczuk and Dariusz Czernski
- 10:40 **Designing the macrostructure and microstructure of the ENEOLI Multilingual Glossary of Neology.** Ilan Kernerman, Federica Vezzani, Anna Vacalopoulou, Onorina Botezat, John Humbley, David Lindemann, Michael Rosner, Ana Salgado and Raquel Silva
- 11:00-11:30 BREAK**
- 11:30-12:30 Noon Session**
- 11:30 **Discursive dynamics of pejoration: The term “Pushback” between usage and lexicography.** Petra Storjohann
- 11:50 **Can LLMs capture China’s emerging economic neoconcepts lexicographically?** Wanjing Han and Gilles-Maurice de Schryver
- 12:10 **Mapping emerging AI terminology through automatically built knowledge graphs.** Randy Christian Saputra and Sílvia Barbosa
- 12:30-12:55 Poster-Preview Session** (*posters presented at the Euralex Poster Session on Sep. 30*)
- 12:30 **Neology mills? AI-influenced newspaper texts and their implications for lexicology and lexic.** Louise Holmer
- 12:35 **Choosing optimal AI prompt instructions for neologism detection.** Marius Glebus
- 12:40 **Tracing neologisms in neo-discourses: Diachronic and cross-domain perspectives.** Luisa Cimander and Petra Storjohann
- 12:45 **From detection to standardization: Practices and criteria for terminological neology.** Ana Ostroški Anić, Federica Vezzani, Kris Heylen and Ilan Kernerman
- 12:50 **AI-assisted lexicography and neology: A systems-thinking approach to emerging vocabulary.** Yi Wang and Kesheng Wang
- 12:55-13:00 CLOSURE** Ilan Kernerman and Kris Heylen

Wednesday, 30 September 2026 – GWLN-8 Poster Presentations @ EURALEX 2026

- 14:15-15:00 **AI-Assisted Lexicography and Neology: A Systems-Thinking Approach to Emerging Vocabulary.** Yi Wang and Kesheng Wang
- 14:15-15:00 **Tracing Neologisms in Neo-Discourses: Diachronic and Cross-Domain Perspectives.** Luisa Cimander and Petra Storjohann
- 14:15-15:00 **From detection to standardization: Practices and criteria for terminological neology.** Ana Ostroški Anić, Federica Vezzani, Kris Heylen and Ilan Kernerman
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GWLN-8 website https://globalex.link/gwln-8_2026/

ENEOLI CA22146 <https://eneoli.eu/>

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Acknowledgment. GWLN-8 is supported by COST (European Cooperation in Science and Technology) through the ENEOLI Action (CA22126) and funded by the EU’s Horizon 2020 Framework Programme.