SIGHUM 2026

10th Joint SIGHUM Workshop on Computational Linguistics for Cultural Heritage, Social Sciences, Humanities and Literature

Proceedings of the Workshop

March 28-29, 2026

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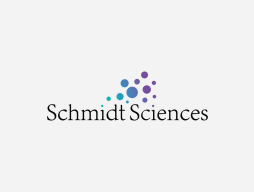

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Introduction

Welcome to the 2026 edition of LaTeCH-CLfL!

Whether you are a seasoned participant or attending for the first time, thank you for gathering here. With twenty years of history, our workshop remains a forum for diverse and evolving conversations, and brings together work at the intersection of language technology, computational linguistics, and the Humanities in their widest sense.

This year, we are proud to present a collection of studies that goes beyond the known restrictions of Anglocentric research, and that spans a wide array of different languages. Our collection features several cutting edge works on under-resourced languages: automatic modelling of Armenian vocabulary and Armenian inscriptions, Greek Poetry rhyme generation, a quantitative study of Romanian writings, an analysis of Finnish refugees' interviews, a work on indirect speech in historical Danish and Norwegian corpora, a work on the infamous problem of reported speech in Classical Latin, and even a pipeline for Ottoman-Turkish bibliographies.

High-resource languages that are not English are also present: several works tackle fine-grained linguistic and stylistic problems in both contemporary and historical German, as well as Russian war propaganda and contemporary French literature, and linguistic diversity is central in several brand new resources, such as a cross-lingual corpus of LLM-generated film synopses, a dataset of under-resourced languages for NLP, and a dataset on digital linguistic diversity.

But a rich linguistic diversity is not the only feature of this year's workshop. Our field is still exploring and enriching LLMs' powers of analysis and their relationship with traditional Humanities' problems, applying them to a variety of high complexity tasks, from modelling domain-specific language variation to automatic annotation of Ancient Greek geographical nouns, as well as reflecting on how their development has changed corpus linguistics.

As usual, our workshop also touches several topics relevant for social and historical sciences, such as persuasion simulation, disinformation modeling, the evolution of scientific concepts, entity recognition in historical texts, personality structure retrieval from word embeddings, systems to explore noisy historical data and biographical sources.

Finally, literary concerns remain central, with studies on stylistic transfer, automatic translation of poetry, techniques to quantify translators' interventions, authorship analysis, and of course new advances on LLMs' ability of dealing with full-length novels.

Overall, researchers in our field are trying to expand the reach of computational approaches in the Humanities while keeping their linguistic, cultural, and historical diversity. Whether working with under-resourced traditions, large contemporary corpora, or literary and social-scientific questions, the contributions in this volume sketch a field that is trying to use the neck-breaking evolution of linguistic technologies to illuminate at a new scale human expression in all its complexity.

Any success this workshop enjoys is first and foremost owed to its authors. Thank you for continuing this journey, or for placing your trust in us for the first time! We want to thank our reviewers, whose care and expertise sustain the quality of the discussion. Finally our gratitude goes to the outstanding program committee for their dedication and generosity throughout the process. Enjoy!

Yuri, Stefania, Anna, Janis, Diego, Stan

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Keynote Talk

Between Precision and Scale: Bridging Computational Methods and Humanistic Inquiry in Historical Semantics

Barbara McGillivray
King's College London

Abstract: How do we scale up the study of meaning change across centuries of texts while preserving the nuanced, culturally grounded interpretations that humanistic scholarship demands? This question sits at the heart of my research on Word Sense Disambiguation (WSD) and semantic change in historical languages, where the challenges are both computational and epistemological.
In this talk, I outline several principles that have emerged as central to my approach. First, systematic quantitative analyses of semantic phenomena require disambiguating polysemous words at scale, moving beyond qualitative observations to identify which specific senses are active in each context. Yet historical and low-resource languages resist standard techniques due to sparse data and shifting semantic boundaries. Second, expert annotation is not merely a preliminary step but the essential foundation that enables computational methods to capture culturally and temporally situated meanings. This human-in-the-loop approach ensures that automated WSD algorithms, once trained, can be deployed across large corpora while maintaining interpretive fidelity.
I illustrate these principles through work on nineteenth-century English, where rapid semantic shifts over decades reveal how industrialisation restructured entire semantic fields, and through Computational Corpus Annotation for Quantitative Analysis of Latin Lexical Semantics (COALA), an ERC-selected project that aims to trace gradual evolution across centuries of Latin textual tradition. These contrasting temporal scales demonstrate how integrating computational scalability with philological depth can transform our understanding of the relationship between linguistic and historical change, and offer a model for Digital Humanities research that neither privileges algorithmic automation nor retreats into purely qualitative analysis.

Bio:

Barbara McGillivray is Senior Lecturer in Digital and Computational Humanities in the Department of Digital Humanities of King's College, where she leads the Computational Humanities research group. She is Principal Investigator of the COALA project, successfully evaluated by the ERC. She is Editor-in-Chief of the Journal of Open Humanities Data and convenor of the MA programme in Digital Humanities at King's. Her research focusses on computational methods for the study of language change in both historical languages and contemporary data. As a Turing research fellow at the University of Cambridge and at The Alan Turing Institute she was also co-Investigator of the Living with machine project. Previously she worked as a language technologist in the Dictionaries division of Oxford University Press and as a data scientist in the Open Research Group of Springer Nature. Her most recent book is "Applying Language Technology in Humanities Research. Design, Application, and the Underlying Logic" (Palgrave Macmillan 2020).

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Program

Saturday, March 28, 2026

14:00 - 14:05 *Welcome*

14:05 - 14:35 *Linguistic Diversity & Resources*

GlobLingDiv: A global dataset linking linguistic diversity and digital support to reveal landscapes with under-resourced languages for NLP
Katharina Zeh, Hannes Essfors, Juliane Benson, Lale Tüver, Andreas Baumann and Hannes A. Fellner

14:35 - 15:30 *Poster Teasers*

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CroCoSyn: A Cross-Lingual and Cross-Model Corpus of LLM-Generated Film Synopses
Louis Escouflaire

15:30 - 16:15 *Poster Session (GatherTown)*

16:15 - 16:30 *Closing*

Sunday, March 29, 2026

09:00 - 10:30 *Historical, Diachronic & Cultural Language Data*

Weakly Supervised Named Entity Recognition for Historical Texts
Marco Sorbi, Laurent Moccozet and Stephane Marchand-Maillet

Sense-Based Annotation of Geographical Nouns in Ancient Greek and Latin: A Diachronic Study with LLMs
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Joonatan Laato, Veera Schroderus, Jenna Kanerva, Jenni Kauppi, Virpi Lummaa and Filip Ginter

10:30 - 11:00 *Coffee Break*

11:00 - 12:00 *Invited Talk by Barbara McGillivray: 'LLMs, diachrony, humanities theory, and methodological perspectives'*

12:00 - 12:30 *Identity*

Identity Without Action: Rethinking Collective Action Models in Disinformation Research
Lorella Viola

12:30 - 14:00 *Lunch*

14:00 - 15:00 *Information Extraction & Theory Alignment*

Generative Information Extraction from Biographical Sources
Robin Winkle, Manfred Stede and Jörn Kreutel

Evaluating Humanities Theory Alignment in Large Language Models: Incremental Prompting and Statistical Assessment
Axel Pichler and Janis Pagel

15:00 - 15:30 *Coffee Break*

Sunday, March 29, 2026 (continued)

15:30 - 16:30 *Poster session*

16:30 - 17:30 *Literary Language*

Narrative in Short German Prose: A Multi-Phenomenon Dataset for Computational Literary Analysis
Hans Ole Hatzel, Haimo Stiemer, Evelyn Gius and Chris Biemann

Quantitative Analysis of Rhyme and Metre in LLM-generated Translations of Poetry
Jan-Felix Klumpp

17:30 - 17:45 *Closing Session & SIGHUM Business Meeting*