Preface

Textual sources are essential for research in digital humanities. Especially when larger datasets are analyzed, the use of natural language processing (We are delighted to welcome participants to the unique and pioneering hybrid event that combines the International Conference on Natural Language Processing for Digital Humanities (NLP4DH) and the International Workshop on Computational Linguistics for Uralic Languages (IWCLUL). This year marks a significant milestone as we bring together two vibrant communities under one umbrella, fostering an interdisciplinary dialogue and collaboration between digital humanities and computational linguistics, with a special focus on Uralic languages and broader linguistic diversity.

The NLP4DH, in its previous edition, highlighted the crucial role of NLP technologies in addressing the specific needs of digital humanists. The focus was on the application of NLP in exploring non-standard languages, dialects, and historical texts, areas that are often overlooked in mainstream NLP research. The event underscored the importance of bridging the gap between the methodological rigor of NLP and the concrete, data-driven inquiries of digital humanities. This year, we continue to emphasize the synergy between these fields, exploring how advanced NLP tools and methods can be fine-tuned and retrained to better serve the nuanced requirements of humanities research.

On the other hand, IWCLUL has been a cornerstone in the study and preservation of Uralic languages, offering insights into traditional language technology resources and modern computational approaches. The previous editions showcased a diverse range of research, from language-specific studies to comparative analyses across the Uralic language family. This year, in conjunction with NLP4DH, IWCLUL aims to extend its reach and impact, exploring how computational linguistics can contribute to the preservation, understanding, and development of Uralic and other minority languages.

The joint event is a testament to our commitment to interdisciplinary research and the recognition of the importance of linguistic diversity in computational studies. We have a rich program that includes high-quality submissions from both NLP4DH and IWCLUL communities. The presentations range from innovative NLP applications in the humanities to cutting-edge computational techniques in Uralic language studies.

We are particularly excited about the potential outcomes of this collaboration. The intersection of digital humanities and computational linguistics, especially in the context of less-researched languages, opens up new avenues for research and application. We anticipate that this event will not only contribute to academic discourse but also pave the way for practical solutions that benefit language communities, researchers, and practitioners alike.

We extend our heartfelt thanks to all contributors, participants, and organizers who have worked tirelessly to make this event a reality. Your enthusiasm and dedication are the driving forces behind this successful collaboration. We look forward to the fruitful discussions, innovative ideas, and new partnerships that will emerge from this unique gathering.

Welcome to the joint NLP4DH and IWCLUL event – a convergence of digital humanities and computational linguistics, celebrating linguistic diversity and interdisciplinary research.

This event is organized in collaboration with SIGUR, ACL Special Interest Group for Uralic Languages.
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Emily Öhman, Waseda University
Khalid Alnajjar, Rootroo Ltd
So Miyagawa, National Institute for Japanese Language and Linguistics
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09:30 - 10:30  
Keynote: Kyo Kageura

10:30 - 11:00  
The Stylometry of Maoism: Quantifying the Language of Mao Zedong

11:00 - 11:30  
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11:30 - 12:00  
The Great Digital Humanities Disconnect: The Failure of DH Publishing

12:00 - 13:00  
Lunch

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Readability and Complexity: Diachronic Evolution of Literary Language Across 9000 Novels

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Sunday, December 3, 2023

09:30 - 10:00  Keynote: Maria Antonia

10:30 - 11:00  Statistical Measures for Readability Assessment

11:00 - 11:30  Study on the Domain Adaption of Korean Speech Act using Daily Conversation Dataset and Petition Corpus

11:30 - 12:00  Bridging the Gap: Demonstrating the Applicability of Linguistic Analysis Tools in Digital Musicology

12:00 - 13:00  Lunch


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