

CPSS 2024

**The 4th Workshop on Computational Linguistics
for the Political and Social Sciences (CPSS)**

Proceedings of the Workshop

September 13, 2024

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Preface

Welcome to the 4th Workshop on Computational Linguistics for the Political and Social Sciences (CPSS)!

CPSS provides a venue to bring together researchers and ideas from computational linguistics/NLP and the text-as-data community from political and social science, to foster collaboration and catalyse further interdisciplinary research efforts between these communities.

This year's workshop takes place in-person and consists of invited talks, contributed papers, and non-archival abstracts. We received 44 submissions, spanning a wide range of topics related to issues in the computational political and social sciences. We accepted 8 long and 3 short paper submissions to be presented at the workshop, either as oral presentations or as posters. In addition, we accepted 16 non-archival abstracts that describe work in progress, hoping that this will encourage discussions and provide valuable feedback to the authors.

We thank our invited speaker, **Lisa Argyle**. Lisa is an assistant professor of political science at Brigham Young University and is affiliated with the Center for the Study of Elections and Democracy in Provo, Utah. Her talk is titled "TITLE" and focusses on "INSERT CONTENT".

The workshop also features a **Panel on LLMs in Political and Social Science Research** and we would like to thank our panelists for agreeing to share their insights on this topic:

- Anna-Carolina Haensch (LMU Munich)
- Jana Lasser (University of Graz)
- Anne Lauscher (University of Hamburg)
- Alexander Wuttke (Geschwister-Scholl-Institut for Political Science, Munich)

Finally, we would like to thank the KONVENS organisers and the GSCL for their support.

The CPSS Organisers,

Christopher Klamm, Gabriella Lapesa, Simone Paolo Ponzetto, Ines Rehbein, and Indira Sen

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Conference Program

Friday, September 13, 2024

9:00–9:10 *Opening Remarks*

9:10–10:30 **Session 1: Oral presentations**

9:10–9:30 *Detecting Calls to Action in Multimodal Content: Analysis of the 2021 German Federal Election Campaign on Instagram*

Michael Achmann-Denkler, Jakob Fehle, Mario Haim and Christian Wolff

9:30–9:50 *Multilingual Bot Accusations: How Different Linguistic Contexts Shape Perceptions of Social Bots*

Leon Fröhling, Xiaofei Li and Dennis Assenmacher

9:50–10:10 *Operationalising the Hermeneutic Grouping Process in Corpus-assisted Discourse Studies*

Philipp Heinrich and Stephanie Evert

10:10–10:30 *A Few Hypocrites: Few-Shot Learning and Subtype Definitions for Detecting Hypocrisy Accusations in Online Climate Change Debates*

Paulina Garcia Corral, Avishai Green, Hendrik Meyer, Anke Stoll, Xiaoyue Yan and Myrthe Reuver

10:30–10:50 *Language Complexity in Populist Rhetoric*

Sergio E. Zanutto, Diego Frassinelli and Miriam Butt

10:50–11:20 *Coffee break*

Friday, September 13, 2024 (continued)

11:20–12:30 Session 2: Posters (non-archival)

12:30–14:00 *Lunch*

14:00–15:00 Session 3: Posters (long/short + non-archival)

ChatGPT as Your n-th Annotator: Experiments in Leveraging Large Language Models for Social Science Text Annotation in Slovak Language

Endre Hamerlik, Marek Šuppa, Miroslav Blšták, Jozef Kubík, Martin Takáč, Marián Šimko and Andrej Findor

Detecting emotional polarity in Finnish parliamentary proceedings

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TPPMI - a Temporal Positive Pointwise Mutual Information Embedding of Words

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Augmented Political Leaning Detection: Leveraging Parliamentary Speeches for Classifying News Articles

Charlott Jakob, Pia Wenzel, Salar Mohtaj and Vera Schmitt

Friday, September 13, 2024 (continued)

15:00–16:00 Keynote Lisa Argyle

16:00–16:30 *Coffee*

16:30–17:45 Session 4: Panel

17:45–18:00 Closing

