Call for Papers: Second Austrian Meeting for Sentiment Inference

Inferring sentiment, or more generally emotion, from language data has gained increasing interest in the recent years, not exclusively but also in the Austrian research community. Two aspects are relevant in this regard: first, advances in the field of machine learning and NLP as well as an increasing amount of annotated training data that have made methods from sentiment analysis (SA) more reliable (Taboada 2016); second, a variety of applications in the Humanities, Social and Cultural Sciences. To name a few examples of relevant research carried out in Austria, SA was employed for inferring emotions from tweets (Pellert et al. 2022), for analyzing political discourse in Austria (Kern et al. 2021), as well as in the Historical Sciences and Literature Studies for investigating the Age of Enlightenment.

Recently, the great interest for the field of SA in Austria has lead to a workshop on "Sentiment Analysis in the Literary Studies" hostet by the Center for Information Modeling at the University of Graz in 2021 as well as to the "Austrian Meeting for Sentiment Inference" (ÖTSI 21) as part of ÖLT 2021 in Vienna. Here, 17 researchers from various research institutions (Uni Wien, ÖAW/ACDH-CH, Complexity Science Hub, TU Wien, Uni Graz) have presented their research.

The workshop ÖTSI 23 now represents a follow-up of the latter workshop. Again, its goal is to connect researchers and projects carried out in Austria that employ and/or develop SA tools and methods. This is meant to enforce methodological exchange, establish potential synergies via sharing data (particularly when it comes to the Austrian Variety of German), and to highlight applications in the Humanities, Social and Cultural Sciences.

Contributions:

We invite submissions relevant to the above-described topic. This includes contributions on methodological aspects of sentiment and emotion analysis, as well as contributions about applications of these methods in the Humanities, Social and Cultural Sciences.

Submission of abstracts (max. 400 words excluding references, German or English) is possible by email to dh.evsl@univie.ac.at until **August 31st, 2023**.

Organisation:

- Andreas Baumann (Universität Wien, Institut für Europäische und Vergleichende Sprach- und Literaturwissenschaft)
- Julia Neidhardt (TU Wien, Research Unit Data Science)

References:

Kern, B. M., Hofmann, K., Baumann, A., & Wissik, T. (2021). Komparative Zeitreihenanalyse der lexikalischen Stabilität und Emotion in österreichischen Korpusdaten. *Proceedings of Digital Lexis and beyond at OELT*.

Koncar, P., Fuchs, A., Hobisch, E., Geiger, B. C., Scholger, M., & Helic, D. (2020). Text sentiment in the Age of Enlightenment: an analysis of spectator periodicals. *Applied Network Science*, *5*, 1-32.

Pellert, M., Metzler, H., Matzenberger, M., & Garcia, D. (2022). Validating daily social media macroscopes of emotions. *Scientific Reports*, *12*(1), 11236.

Taboada, M. (2016). Sentiment analysis: An overview from linguistics. *Annual Review of Linguistics*, *2*, 325-347.