

Wie misst man Textqualität im digitalen Zeitalter?

Expertenworkshop zum Projekt MIT.Qualität

18. - 19. Juni 2018

Keynote-Vortrag im Rahmen des Expertenworkshops MIT.Qualität

18.06.18 | 12:15 – 13:15 Uhr | Schloss EO 150

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Modeling the linguistic complexity of German texts: Integrating insights from research on readability, language acquisition, and psycholinguistics

While readability research traditionally focused on surface characteristics of texts, such as average word and sentence lengths, computational linguistic methods now support more comprehensive models. We explore a broad range of linguistic complexity aspects for German, including notions from reading comprehension research in psychology, from human sentence processing research in psycholinguistics, formal linguistic characterizations of complexity in language as a system, experience-encoding measures from usage-based linguistics, and complexity as a notion in Second Language Acquisition research used to characterize language proficiency and development based on the analysis of learner writing. Combining the evidence in machine learning experiments, we show that the approach successfully distinguishes language targeting different age groups, such as the GEO/GEOLino educational magazines and TV news programs Tagesschau/Logo! and generalizes well across these different sources.

The talk is based on joint research with Zarah Weiss, Xiaobin Chen, and earlier work with Sowmya Vajjala and Julia Hancke, cf. to appear and published work at <http://purl.org/dm/papers> and the tools available from <http://icall-research.de>

Walt Detmar Meurers is a Professor of Computational Linguistics at the University of Tübingen. His work focuses on the use and advancement of linguistic modeling and insight into Intelligent Computer-Assisted Language Learning ICALL, learner corpora, second language acquisition, content assessment and corpus annotation. He is a member of the ICALL Research Group and serves on the Steering Board of the Excellence Initiative LEAD Graduate School and Research Network.

Alle Interessierten sind herzlich eingeladen!