

Kolloquium Angewandte Informatik

Time for Natural Language Processing

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Due to the importance of temporal information in any information space, temporal expressions are prevalent in diverse text types. The detection of temporal expressions and the normalization of their semantics to some standard format is thus an important task in natural language processing (NLP). This task is known as temporal tagging, and applications of several domains (e.g., information retrieval and question answering) can benefit from the output of temporal taggers to provide more meaningful and useful results.

In this talk, I will present my work on multilingual, domain-sensitive temporal tagging. In particular, I will explain the extension of our publicly available temporal tagger HeidelTime to all languages in the world. After showing some application-motivated research projects, in which normalized temporal information is exploited, I will finally provide details about our very recent work on named entity disambiguation by presenting our time-aware named entity disambiguation approach.

Termin: Freitag, 15. Juni 2018, 14.00 Uhr

Ort: Kaiserstr. 89, 76133 Karlsruhe
Kollegiengebäude am Kronenplatz (Geb. 05.20), 1. OG, Raum 1C-04
(Hinweise für Besucher: www.aifb.kit.edu/web/Kontakt)

Veranstalter: Institut AIFB, Forschungsgruppe Information Service Engineering

Zu diesem Vortrag lädt das Institut für Angewandte Informatik und Formale Beschreibungsverfahren alle Interessierten herzlich ein.

A. Oberweis, H. Sack (Org.), A. Sunyaev, Y. Sure-Vetter, M. Volkamer, J. M. Zöllner