University of Potsdam: DraCor Corpus Fellowship

Visiting fellowship contact
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Founded in 1991, the **University of Potsdam** (UP) has developed from a small institution of higher education into one of the leading medium-sized universities in Germany. Nearly 21.000 young people study here, at the largest university in the Federal State Brandenburg. Research Focuses at the UP are: Data-Centric Sciences, Earth and Evironmental Systems, Evolutionary Systems Biology and Cognitive Sciences.
The **Network for Digital Humanities** at the UP ("DH Network at UP") unites researchers from the fields of Computational Literary Studies, Digital Media Science, Computational Linguistics, Information Visualization, Data Sciences, Cognitive Systems, Library Science, and Archival Science. It is located at the Faculty of Arts and functions both as a service and a research institution.

Existing tools, services and expertise

DraCor is a platform for hosting, federating, integrating, access and generic analysis of corpora with dramatic texts, based on the ideas of Open Access and Open Source. The corpus-files are stored in TEI format. Based on these corpora, DraCor offers various services, each of which uses open source state-of-the-art technologies (API: Based on eXist-DB, SPARQL Endpoint, Packages for R and Python; Frontend: Based on React, Bootstrap and Sigma.js; Shiny server, ...)
DraCor provides researchers with a technologically advanced infrastructure for transparent and highly functional hosting of corpora on an open access platform. Via generic analysis implemented in the front-end and via the Shiny app, DraCor also offers low-threshold access for entry-level users. At the same time, expert users have access to all advanced digital usage scenarios via the API and via access to raw data (TEI files).
Users can benefit from the whole spectrum of DraCor services: a) They can analyze the multi-lingual corpora stored in DraCor using the generic tools implemented in the Dracor frontend; b) They can store their own corpora on Dracor and use the implemented tools and the API; c) They can develop their own analysis tools (e.g. Shiny apps, Jupyter or R notebooks) and connect to DraCor using the API; (d) they can query the linked open datasets in relation to the LOD Cloud.

Aim of the fellowship

The **DraCor corpus fellowship** is addressed to researchers who want to curate their own corpus of literary texts (especially dramas) and host it through DraCor. The fellowships serve as an introduction and training of the fellows in questions of data preparation and corpus editing. During a stay of between two and four weeks, the fellows receive
- an intensive personal introduction to DraCor and the necessary technical knowledge (TEI, Git);
- support in the preparation of sample texts from their own corpus

The aim of the fellowship is to empower researchers to independently provide corpora on DraCor and thus to integrate their corpora into the transnational infrastructure.
As a part of their fellowship, the fellows will be assigned a local mentor for their project. Fellows will join the DraCor development team during their stay. Airfare, housing and subsistence costs of the fellows will be covered by the CLS INFRA funding.