




Janis Pagel

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Computational Linguistics | Digital Humanities

RESEARCH EXPERIENCE

UNIVERSITY OF STUTTGART | RESEARCH ASSOCIATE

since April 2018 | Stuttgart, Germany

- Member of the QuaDramA project group
- Analysis and processing of German dramatic texts
- Interpretation of cast figures in German plays using Natural Language Processing

UNIVERSITY OF STUTTGART | STUDENT RESEARCH ASSISTANT

Dec 2015 – March 2018 | Stuttgart, Germany

- Annotating German Broadcast Interviews with Information Status Annotations
- Several programming tasks like converting of annotated data into different formats (XML to CoNLL etc.)

RUHR-UNIVERSITY BOCHUM | STUDENT RESEARCH ASSISTANT

Nov 2014 – Sep 2015 | Bochum, Germany

- Analysis of the data regarding different aspects such as similarity between texts and normalization issues
- Modification of the XML data to make it guideline compatible

EDUCATION

UNIVERSITY OF STUTTGART | PHD CANDIDATE

since July 2018

Prospective Thesis Title: Exploiting Text Structure for Domain-Aware Natural Language Processing

UNIVERSITY OF AMSTERDAM | ERASMUS EXCHANGE STUDENT

Feb – June 2017 | Cum. Grade: 8.03/10

Courses: Computability and Interaction • Philosophical Foundations of Distributional Semantics • Structures for Semantics • Unsupervised Language Learning

UNIVERSITY OF STUTTGART | M.Sc. IN COMPUTATIONAL LINGUISTICS

3rd April 2018 | Cum. Grade: 1.3 (Very good)

Relevant Coursework: Information Retrieval and Text Mining • Grammar Formalisms and Grammar Engineering • Distributional Semantics and Morphology • Foundations of Artificial Intelligence • Computational Morphology • Coreference Resolution

RUHR-UNIVERSITY BOCHUM | B.A. IN LINGUISTICS AND GERMAN STUDIES

25th Sep 2015 | Concentration in Comp. Linguistics | Cum. Grade: 1.1 (Very good)

Relevant Coursework: Automatic Anaphora and Coreference Resolution • Finite-State Methods in Computational Linguistics • Computational Semantics • Introduction to Lexical Functional Grammar • Introduction to Machine Learning

PUBLICATIONS

CONFERENCE PAPERS

- [1] Janis Pagel and Nils Reiter. 'GerDraCor-Coref: A Coreference Corpus for Dramatic Texts in German'. In: **Proceedings of the Language Resources and Evaluation Conference (LREC)**. Marseille, France, May 2020, pp. 55–64. url: <http://www.lrec-conf.org/proceedings/lrec2020/pdf/2020.lrec-1.7.pdf>.
- [2] Nathalie Wiedmer, Janis Pagel and Nils Reiter. 'Romeo, Freund des Mercutio: Semi-Automatische Extraktion von Beziehungen zwischen dramatischen Figuren'. In: **Book of Abstracts of DHd**. Paderborn, Germany, Mar. 2020, pp. 194–200. doi: 10.5281/zenodo.3666690.

- [3] Marcus Willand, Benjamin Krautter, Janis Pagel and Nils Reiter. **'Passive Präsenz tragischer Hauptfiguren im Drama'**. In: **Book of Abstracts of DHD**. Paderborn, Germany, Mar. 2020, pp. 177–181. doi: 10.5281/zenodo.3666690.
- [4] Prajit Dhar, Janis Pagel and Lonneke van der Plas. **'Measuring the compositionality of noun-noun compounds over time'**. In: **1st International Workshop on Computational Approaches to Historical Language Change 2019**. Florence, Italy, Aug. 2019, pp. 234–239. url: <https://www.aclweb.org/anthology/W19-4729>.
- [5] Benjamin Krautter and Janis Pagel. **'Klassifikation von Titelfiguren in deutschsprachigen Dramen und Evaluation am Beispiel von Lessings „Emilia Galotti“'**. In: **Book of Abstracts of DHD**. Mainz, Frankfurt am Main, Germany, Mar. 2019, pp. 160–164. doi: 10.5281/zenodo.2596095.
- [7] Janis Pagel, Nils Reiter, Ina Rösiger and Sarah Schulz. **'A Unified Text Annotation Workflow for Diverse Goals'**. In: **Proceedings of the Workshop for Annotation in Digital Humanities (annDH)**. Ed. by Sandra Kübler and Heike Zinsmeister. Sofia, Bulgaria, Aug. 2018, pp. 31–36. url: <http://ceur-ws.org/Vol-2155/page1.pdf>.
- [8] Janis Pagel and Ina Rösiger. **'Towards bridging resolution in German: Data analysis and rule-based experiments'**. In: **Proceedings of the Workshop on Computational Models of Reference, Anaphora, and Coreference (CRAC)**. Ed. by Massimo Poesio, Vincent Ng and Maciej Ogrodniczuk. New Orleans, LA, USA, June 2018, pp. 50–60. url: <http://aclweb.org/anthology/W18-0706>.
- [9] Nils Reiter, Benjamin Krautter, Janis Pagel and Marcus Willand. **'Detecting Protagonists in German Plays around 1800 as a Classification Task'**. In: **Proceedings of the European Association for Digital Humanities (EADH)**. Galway, Ireland, Dec. 2018. url: https://eadh2018.exordo.com/files/papers/65/final_draft/article.pdf.

ARTICLES

- [6] Benjamin Krautter, Janis Pagel, Nils Reiter and Marcus Willand. **'Titelhelden und Protagonisten – Interpretierbare Figurenklassifikation in deutschsprachigen Dramen'**. In: **LitLab Pamphlets** 7 (Nov. 2018). url: https://www.digitalhumanitiescooperation.de/wp-content/uploads/2018/12/p07_krautter_et_al.pdf.

TALKS

INVITED TALKS

- [3] Janis Pagel. **Wie frei ist der Mensch in seinen Entscheidungen?** Expert for NLP in brainstorm session. Theater Rampe, Stuttgart, Germany, Mar. 2019.

CONFERENCE TALKS (SELECTED)

- [1] Benjamin Krautter and Janis Pagel. **Identifying Character Types in German Drama as a Classification Task**. At Plotting Poetry. Nancy, France, Sept. 2019. url: <https://drive.google.com/file/d/1sFoZn7vVw4nfJs4mUNHabKap9xvb7Iyg/view>.
- [2] Benjamin Krautter and Janis Pagel. **Klassifikation von Titelfiguren in deutschsprachigen Dramen und Evaluation am Beispiel von Lessings „Emilia Galotti“**. At DHD. Mainz, Frankfurt am Main, Germany, Mar. 2019. url: https://janispagel.de/data/slides/dhd_2019_titelfiguren.pdf.
- [4] Janis Pagel. **A Unified Text Annotation Workflow for Diverse Goals**. At the Workshop for Annotation in Digital Humanities (annDH). Sofia, Bulgaria, Aug. 2018. url: <https://janispagel.de/data/slides/annotation-workflow.pdf>.
- [5] Janis Pagel. **Detecting Protagonists in German Plays around 1800 as a Classification Task**. At European Association for Digital Humanities (EADH). Galway, Ireland, Dec. 2018. url: <https://janispagel.de/data/slides/detecting-protagonists-in-german-plays-as-classification-task.pdf>.
- [6] Janis Pagel. **Towards bridging resolution in German: Data analysis and rule-based experiments**. At the Workshop on Computational Models of Reference, Anaphora, and Coreference (CRAC). New Orleans, LA, USA, June 2018. url: <https://janispagel.de/data/slides/bridging-resolution-german.pdf>.

STIPENDS & GRANTS

DHD SOCIETY TRAVEL STIPEND FOR VISITING THE DHD 2020 CONFERENCE IN PADERBORN, GERMANY
Mar 2020 | Amount: 319,40€

ERASMUS+ DEUTSCHER AKADEMISCHER AUSTAUSCHDIENST (GERMAN ACADEMIC EXCHANGE SERVICE)
Feb – June 2017 | Amount: 828€

E-FELLOWS.NET ONLINE STIPEND
2011 – 2018

EXTRACURRICULAR ACTIVITIES

RUHR-UNIVERSITY BOCHUM | STUDENT REPRESENTATIVE & DEPUTY SPOKESPERSON

Nov 2013 – Oct 2015 | Linguistic Department

Content creator for the Facebook page • Administration and design of the homepage

- Held information sessions for incoming students

TECHNOLOGY

PROGRAMMING & MARKUP

Advanced

Python • Java • R • XML • Shell • \LaTeX

Intermediate

Haskell • HTML5 • CSS • MySQL

Familiar

Perl • C • PHP

LANGUAGES

SPOKEN & WRITTEN

Native fluency

English • German

Reading fluency

Dutch