

# THOMAS N. HAIDER

Depts. Computational Humanities & Multiling. Computational Linguistics ◊ University of Passau, Germany

Dept. Language & Literature ◊ Max Planck Institute for Empirical Aesthetics, Frankfurt am Main

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<https://scholar.google.com/citations?hl=en&user=kW5idhAAAAAJ>

## EDUCATION

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### University of Stuttgart

2018–2022

Dr. phil.

Magna Cum Laude

Computational Linguistics & Digital Humanities

Thesis: *A Computational Stylistics of Poetry: Distant Reading and Modeling of German and English Verse*

Supervision: Jonas Kuhn, Winfried Menninghaus

### University of Heidelberg

2013–2016

Master of Arts

1.3 (1 to 4)

Computational Linguistics & Philosophy

Thesis: *A Functional Stylistics for Register and Genre Classification in German and English*

Supervision: Alexis Palmer, Yannick Versley, Katja Markert

### University of Heidelberg

2008–2012

Bachelor of Arts

1.9 (1 to 4)

Computational Linguistics & Philosophy

Thesis: *Emphatic Reflexive Pronouns in Combinatorial Categorical Grammar*

Supervision: Johan Bos, Anette Frank

### Eastern Michigan University

2013

Research Internship

Linguist List @ Institute for Language and Information Technology

### University of Groningen

2011–2012

Erasmus Year

Alfa Informatica

### Schott Electronic Packaging

2002–2005

Apprenticeship Diploma (eq. Associate Degree)

Physics Lab Assistant (Physiklaborant)

## PUBLICATIONS

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### MONOGRAPHS

2023

- [1] Haider, T. (2023). *A Computational Stylistics of Poetry: Distant Reading and Modeling of German and English Verse*. Doctoral Thesis.  
<http://dx.doi.org/10.18419/opus-12721>

### EDITED BOOKS OF ABSTRACTS

2025

- [2] Reiter, N., Haider, T., Kababgi, D., and Buschmeier, H. (eds.) (2025). *Book of Abstracts - DHd 2025. Under Construction*. Bielefeld. <https://doi.org/10.5281/zenodo.14887461> (5k views, 3k downloads)

2024

- [3] Weis, J., Haider, T., and Bunout, E. (eds.) (2024). *Book of Abstracts - DHd2024. Quo Vadis DH?*, Passau. <https://doi.org/10.5281/zenodo.10686565> (5k views, 2k downloads)

### HANDBOOKS

2015

- [4] Leidenfrost-Burth, L., Haider, T., Wöllstein, A., (2015). *Rechtschreibwortschatz für Erwachsene (Orthographic Vocabulary for Adults)*. Winter Verlag Heidelberg. ISBN 978-3-8253-7535-5

### IN COLLECTIONS

2025

- [5] Cotten, A., Haider, T. (2025). *Klangabbildungen*. In: Hannes Bajohr, Ann Cotten (eds.) "Schreiben nach KI", Reihe Rohstoffe, Matthes & Seitz ISBN 978-3-7518-7030-6 <https://www.matthes-seitz-berlin.de/buch/schreiben-nach-ki.html> (Title: Sound Mapping; Book: Writing after AI)

### EXTENDED DH ABSTRACTS (PEER REVIEWED)

2026

- [6] Trilcke, P., Barkey, S., Schumacher, M., Börner, I., Milling, C., Skorinkin, D., Sluyter-Gäthje, H., Haider, T., Schwindt, M., Busch, A., Fischer, F., Funk, C., Giovannini, L., Helmig, C., Viebke, G., Khilji, T., Käß, C., Linnea, B., Daniel, R. (accepted). *Introducing EcoCor: An Open Infrastructure for Digital Ecocriticism*. Proceedings of DH2026 in Korea.
- [7] Haider, T., Cypionka, A., Teich, M. (accepted). *Linking Speakers of the German Parliament to Wikidata: Scope and Coverage of Metadata*. Proceedings of EADH2026 in Krakow, Poland.
- [8] Pérez, A., Ruiz Fabo, P., Haider, T., Rodríguez, P., Gamallo, P. (accepted). *O GalAPAgOs (Galician Automatic Poetry Analysis System) comeza a camiñar*. CLARIAH-GAL workshop.
- [8] Haider, T. (2026) *Towards Affective Analysis of Animals in Poetry*. Digital Humanities Conference in the German Speaking Area DHd2026, Vienna. Poster

2025

- [9] Sela, A., Haider, T., Plechac, P. (2025) *The Unnatural Language of Poetic Meters, Or Why You Should Be Afraid of Counting Words*. International Digital Humanities Conference DH2025, Lisbon. Long Talk.

2024

- [10] Haider, T., Gassner, S., Rehbein, M. (2024) *Quo Vadis Fachbereiche und Schulen der DHd: Netzwerkanalyse der DHd Abstracts 2014--2023 (Quo Vadis subject areas and schools of the DHd: Network analysis of the DHd Abstracts 2014--2023)*. Digital Humanities Conference in the German Speaking Area DHd2024, Passau. Poster.

2023

- [11] bei der Wieden, G., Bathurst, T., Haider, T. (2023). *More Social, Less Religious: Trends of Hardcover Fiction Titles on the New York Times Bestseller List 2000-2020*. In Proceedings of International Digital Humanities Conference DH2023, Graz. Long Talk.
- [12] Haider, T., Schennach, S., Thelen, J., Wesche, J. (2023) *Barockpoetik als Wikibase: Eine Datenbank zu konfessionsgeschichtlichen Aspekten in deutschen Barockpoetiken (Baroque poetics as Wikibase: A database on aspects of the history of confession in German Baroque poetry)*. In Book of Abstracts of Digital Humanities Conference in the German Speaking Area DHd2023, Trier/Luxembourg. Poster.

2022

- [13] Zylla, M., Haider, T. (2022). *Distant Reading of the German Coalition Deal: Recognizing Policy Positions with BERT-based Text Classification*. In Proceedings of International Digital Humanities Conference DH2022, Tokyo (online). Poster.
- [14] Haider, T., Gittel, B. (2022). *Lexical Semantic Change in Literary Criticism*. In Proceedings of International Digital Humanities Conference DH2022, Tokyo (online). Short Talk.

2020

- [15] Haider, T., van Dyk-Hemming, A. and Eberhardt, J. (2020). *Extracting a Social Network of Musicologists*. In Proceedings of International Digital Humanities Conference DH2020, Ottawa (online). Poster.
- [16] Plechac, P. and Haider, T. (2020). *Mapping Topic Evolution Across Poetic Traditions*. In Proceedings of International Digital Humanities Conference DH2020, Ottawa (online). arXiv:2006.15732. Short Talk.

2019

- [17] Haider, T., (2019). *Diachronic Topics in New High German Poetry*. In Proceedings of International Digital Humanities Conference DH2019, Utrecht. arXiv:1909.11189. Long Talk.

## FULL PAPERS IN JOURNALS OR PROCEEDINGS (PEER REVIEWED)

2026

- [18] Teich, M., Cypionka, A., Haider, T., Rehbein, M. (accepted). *Measuring Nuclear Democracy: A Large-Scale Analysis of German Nuclear Energy Discourse*. Submitted to MDPI Journal.
- [X] Haider, T., Ruiz Fabo, P., Baumann, T., Martinez Canton, C. (under review). *Enjambement as Syntactic Disruption in Historical and Contemporary German and Spanish Poetry*. Submitted to CHR Journal.
- [X] Sela, A., Haider, T., Plechac, P. (under review). *Mind the Meter: Systematic Language Variation in Poetry Corpora Confounds Computational Analysis*. Submitted to DSH Journal.

2025

- [19] Haider, T., Perschl, T., Rehbein, M. (2025). Quantification of Biodiversity from Historical Survey Text with LLM-based Best-Worst Scaling. In *EcoNLP@NoDaLiDa2025*.
- [20] Gittel, B., Haider, T. (2025). The Ongoing Birth of the Narrator: Empirical Evidence for the Emergence of the Author-Narrator Distinction in Literary Criticism. In *Digital Scholarship in the Humanities Journal*.
- [21] Plecháč, P., ŠeĽa, A., Cinková, S., De Sisto, M., Nugues, L., Kočnik, N., Kolár, R. & Haider, T. (2025). Named Entity Recognition and Linking in *PoeTree Corpora*. *Studia Metrica et Poetica*, 12(2), 7-18.
- 2024
- [22] Haider, T. (2024). A Large Annotated Reference Corpus of New High German Poetry. In *Proceedings of Language Resources and Evaluation Conference, LREC-COLING 2024, Torino*.
- [23] Plecháč, P., Cinková, S., Kolár, R., ŠeĽa, A., De Sisto, M., Nugues, L., Haider, T. (2024). *PoeTree: Poetry Treebanks in Czech, English, French, German, Hungarian, Italian, Portuguese, Russian and Spanish*. In *Research Data Journal for the Humanities and Social Sciences* 1 (aop), 1-17
- [24] Ostrowski, A., Haider, T., Berger, D., Büttner, B., Herbers, K., Rehbein, M. (2024). *Annotating Formulaic Language in 12th Century Papal Charters*. In: *Formulaic Language in Historical Research and Data Extraction Conference, Amsterdam*. <https://doi.org/10.5281/zenodo.10519355>
- 2021
- [25] Haider, T. (2021). *Metrical Tagging in the Wild: Building and Annotating Poetry Corpora with Rhythmic Features*. *Proceedings of the 16th European Association for Computational Linguistics (EACL): Main Volume*
- [26] Wöckener, J., Haider, T., Miller, T., Nguyen, T., Vu Pham, M., Belouadi, J. and Eger, S. (2021). *End-to-end style-conditioned poetry generation: What does it take to learn from examples alone?*. In *Proceedings of 5th SIGHUM Workshop. EMNLP*.
- [27] Thissen, B., Schlotz, W., Abel, C., Scharinger, M., Merrill, J., Haider, T. and Menninghaus W. (2021). *At the Heart of Optimal Reading Experiences: Cardiovascular Activity and Flow Experiences in Fiction Reading*. *Reading Research Quarterly*.
- 2020
- [28] Haider, T., Eger, S., Kim, E., Klinger, R. and Menninghaus, W., (2020). *PO-EMO: Conceptualization, Annotation, and Modeling of Aesthetic Emotions in German and English Poetry*. In *Proceedings of LREC 2020, Marseille*. arXiv:2003.07723
- [29] Rother, D., Haider, T. and Eger, S. (2020). *CMCE at SemEval-2020 Task 1: Clustering on Manifolds of Contextualized Embeddings to Detect Historical Meaning Shifts*. In *Proceedings of SemEval at COLING 2020, Barcelona*.
- 2019
- [30] Haider, T. and Eger, S., (2019). *Semantic Change and Emerging Tropes In a Large Corpus of New High German Poetry*. In *Proceedings of the 1st Historical Language Change Workshop at ACL, Florence*.
- [31] Birnbaum, D.J. Bories, A.S., Haider, T.N., and Sarv, M., (2019). *Plotting Poetry 3. Conference report*. *Studia Metrica et Poetica Volume 6.2, 2019*
- 2018
- [32] Haider, T. and Kuhn, J., (2018). *Supervised Rhyme Detection with Siamese Recurrent Networks*. In *Proceedings of the SIGHUM Workshop at COLING Santa Fe, NM 2018*.
- 2017

- [33] Haider, T. and Palmer, A., (2017). **Modeling Communicative Purpose with Functional Style: Corpus and Features for German Genre and Register Analysis**. In Proceedings of the First Workshop on Stylistic Variation at EMNLP, Copenhagen (also accepted at RANLP).

2014

- [34] Bingel, J. and Haider, T., (2014). **Named Entity Tagging a Very Large Unbalanced Corpus: Training and Evaluating NE Classifiers**. In Proceedings of LREC.

## **WORK IN PROGRESS**

Haider, T., Perschl, T., Parker van Dam, K., List, J.M. (in prep.) **Automatic Scaling of Valence Norms in 12 Languages: Performance and Bias**. Prepared for EACL 2027.

Haider, T. **Agency as Verb Semantics for Non-Humans in Nature Writing**. Prepared for CHR 2027.

Haider, T. **The Ecocritical Canon**. Venue not determined yet.

Haider, T. **Bias of Language Models towards Animals in Poetry: Sentiment and Connotation**. Venue not determined yet.

## **(INVITED) TALKS**

Haider, T. (2025) **Towards animal-centric affective analysis in poetry**. Computational Humanities Research Conference. Luxembourg. Lightning Talk.

Blohm, S., Haider, T. (accepted). **Sounds of PoeTree**. Submitted to Plotting Poetry Conference, Caen.

Haider, T., Ruiz Fabo, P., Baumann, T., Canton, C. (accepted). **A Critical Divide: Enjambement as Syntactic Disruption in German and Spanish Poetry**. Submitted to Plotting Poetry Conference, Caen.

Regensburg

Upon Request. (Latest: October 2025 @ CLS-SPP Würzburg on Animal-Centric Affective Analysis)

## TEACHING

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<b>Digital Ecocriticism</b> <i>University of Passau</i>	Winter 26/27 <i>Seminar (BA)</i>
<b>Introduction to Theory and Methods of Digital Humanities</b> <i>University of Passau (first year w/ Malte Rehbein; second year independent)</i>	Winter 2024/25 & 25/26 & 26/27 <i>Lecture + Tutorial (BA)</i>
<b>Language and Emotion in Media Discourse</b> <i>University of Passau</i>	Winter 25/26 <i>Seminar (BA)</i>
<b>Sentiment Analysis (and Framing)</b> <i>University of Passau</i>	Summer 2025/26, Winter 25/26 <i>Advanced Lab/Seminar (MA)</i>
<b>Lecture Series Methods to Go</b> <i>University of Passau</i>	Winter 2024/25 <i>Lecture Series (PhD)</i>
<b>Political Rhetorics</b> <i>University of Passau (w/ Maike Park)</i>	Winter 2024/25 <i>Seminar (BA)</i>
<b>Introduction to Programming with Python</b> <i>University of Passau</i>	Winter 2024/25 <i>Lecture + Lab (BA/MA)</i>
<b>Corpus Linguistics</b> <i>University of Passau</i>	Summer 2024 <i>Seminar (BA)</i>
<b>Prosody and Rhyme: Theoretical and Computational Perspectives</b> <i>University of Passau (w/ Jessica Nieder)</i>	Summer 2024 <i>Advanced Seminar (BA/MA)</i>
<b>Text Analysis (for Social Sciences)</b> <i>University of Passau</i>	Winter 2023/24, Winter 2024/25 <i>Lab (BA/MA)</i>
<b>Journal Club Methodikum</b> <i>University of Passau</i>	Winter 2023/24/25/26, Summer 2024/25 <i>Colloquium (PhD)</i>
<b>Colloquium (Graduate Seminar) Digital Humanities</b> <i>University of Passau</i>	Summer 2024/25 <i>Colloquium (PhD)</i>
<b>Computational Social Science and Sociolinguistics</b> <i>University of Göttingen</i>	Summer 2022 <i>Advanced Seminar + Lab (MA)</i>
<b>Analysing Social and Cultural Data</b> <i>University of Göttingen</i>	Winter 2022/23 <i>Lab (MA)</i>
<b>Network Analysis with Gephi and Sparql</b> <i>University of Göttingen</i>	Winter 2021/22, Winter 2022/23 <i>Lab (BA/MA)</i>
<b>Distant Reading of Literature</b> <i>University of Göttingen</i>	Winter 2021/22 <i>Lab (MA)</i>
<b>Stylistics, Stylometry, and Models of Emotion</b> <i>University of Göttingen</i>	Summer 2021 <i>Seminar + Lab (BA/MA)</i>
<b>Deep Learning and Digital Humanities</b> <i>TU Darmstadt (w/ Steffen Eger)</i>	Winter 2019/20, Winter 2020/21 <i>Advanced Seminar (MA)</i>
<b>TA Meta-Science (Science of Science)</b> <i>TU Darmstadt (for Steffen Eger)</i>	Summer 2020 <i>TA for Seminar</i>

**TA Corpus Linguistics**  
*University of Groningen (for Gosse Bouma)*

Summer 2011  
*TA for Lecture*

**TA Introduction to Formal Logics**  
*University of Heidelberg (for Michael Herweg)*

Summer 2010, Winter 2010/11  
*TA for Lecture*

## PREVIOUS EMPLOYMENT

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**University of Passau** April 2023 - ongoing  
*Wissenschaftlicher Mitarbeiter (Postdoc) Depts. Computational Humanities & Multiling. Comp. Linguistics*

**University of Göttingen** April 2021 - March 2023  
*Wissenschaftlicher Mitarbeiter (Research Fellow) Depts. Digital Humanities & Linguistics*

**Max Planck Institute for Empirical Aesthetics** February 2017 - March 2021  
*Wissenschaftlicher Mitarbeiter (Research Fellow) Dept. Language and Literature*

**University of Heidelberg/Leibniz Science Campus** January 2015 - March 2016  
*Research Assistant Dept. Computational Linguistics*

**Leibniz Institut für Deutsche Sprache, Mannheim** January 2014 - July 2015  
*Research Assistant Depts. Council for German Spelling & Corpus Linguistics*

**The Linguist List, Michigan** July 2013 - September 2013  
*Research Intern*

**Leibniz Institut für Deutsche Sprache, Mannheim** October 2012 - June 2013  
*Research Assistant/Technical Staff Dept. Central Research*

**Crowdynews, Groningen** January 2012 - March 2013  
*R&D Intern*

**Schott Electronic Packaging** October 2002 - September 2005  
*Dual Apprenticeship Physics Lab Assistant Dept. Research & Development*

## SCIENTIFIC SERVICE

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### Reviewer for

*DHd2023/24/25/26, DH2020/22/23/24/25/26, EADH2026, LREC2026, ACL2026, LREC-COLING2024, WASSA2023/24/26, COLING2022, EACL2021, ACL-IJCNLP2021, Computational Linguistics Journal (2023), Journal for Linguistics and Literature (2023), Computational Humanities Research Journal (2024), Journal of Computational Literary Studies (2025), European Commission (2025).*

### Conference Organization

*Head of Local Organization Team for DHd2024 Passau (ca. 500 participants)  
Vice Chair of Programming Committee of DHd2025 Bielefeld (w/ Nils Reiter)  
Member of Programming Committee of DHd2026 Vienna*

### Infrastructure & Coordination

*Coordinating Method Center for Humanities @ Uni Passau (Methodikum)*

### Supervision of Researchers in Early Career Phases

*I have supported a number of Master Students to publish their contributions (see publication list), e.g., David Rother (TU Darmstadt), Michael Zylla (Uni Göttingen), and Gesa bei der Wieden (Uni Göttingen). I informally co-supervised a BA thesis from Heidelberg (Fabian Strobel). Regularly, I have supervised student researchers (Frankfurt and Passau). I currently supervise two Bachelor Theses, one on opinion networks in Drama, and another on more-than-human agency in literature. I occasionally write reference letters for aspiring PhD students.*

## GRANTS

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<b>Seed Funding ECOFRAME (25k)</b> <i>FTP Uni Passau</i>	2026 - <i>PI</i>
<b>Syllable reduction in German verse (500k)</b> <i>DFG</i>	2025 - 2029 <i>Collaboration Partner (travel costs)</i>
<b>European Poetry: Distant Reading (200k)</b> <i>Czech Academy of Sciences Fund</i>	2023 - 2025 <i>Co-Applicant/Collaboration Partner (salary)</i>
<b>DFG Conference Funding (28k)</b> <i>University of Passau (Local DHd2024)</i>	2024 <i>PI</i>

## SPOKEN NATURAL LANGUAGES

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German	C2 (Native)
English	C2 (Mastery)
Dutch	B1 (Conversational)
Spanish	A2
French	A2

## REFERENCES

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- Prof. Dr. Malte Rehbein** University of Passau (Computational Humanities)  
*malte.rehbein@uni-passau.de* *Full Professor*
- Prof. Dr. Alexander Werth** University of Passau (German Linguistics)  
*alexander.werth@uni-passau.de* *Full Professor*
- Prof. Dr. Roman Klinger** University of Bamberg (Foundations of Natural Language Processing)  
*roman.klinger@uni-bamberg.de* *Full Professor*
- Prof. em. Dr. Winfried Menninghaus** Max Planck Institute for Emp. Aesthetics (Lang. and Literature)  
*w.m@ae.mpg.de* *Professor in Retirement*
- Dr. Pablo Ruiz Fabo** University of Strasbourg/University of Santiago de Compostela (Comp. Linguistics)  
*ruizfabo@unistra.fr* *Maître de conférences - Senior Lecturer/Asst. Prof.*
- PD Dr. Benjamin Gittel** University of Trier (Computational Literary Studies)  
*gittel@uni-trier.de* *Senior Lecturer*

## EXTRACURRICULARS

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- *One Child, born in Göttingen, February 2022.*
- *Organized professional poetry readings, published own poetry.*
- *Participated in and curated group and solo exhibitions; sold installations and media art.*