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
thomas.haider@uni-passau.de ◇ https://thomashaider.net ◇ mail@thomashaider.net
https://scholar.google.com/citations?hl=en&user=kW5idhAAAAAJ

EDUCATION

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 Categorial 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

PREPRINTS & UNDER REVIEW

[X]Haider, T., Perschl, T., Parker van Dam, K. (under review). Multilingual Best-Worst Scaling of Sentiment Valence Norms with LLMs. Submitted to ACL ARR Cycle for EACL (Scored 4/3/3, Meta: 3.5; Likely accepted).

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 VOLUMES

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)

FULL PAPERS IN JOURNALS OR EQUIVALENT PROCEEDINGS (PEER REVIEWED)

2027

[6]Haider, T. (accepted). Material Agency as Literary Verb Semantics. CHR conference, Manchester (Anthology of Computers and the Humanities).

2026

[7]Teich, M., Cypionka, A., Haider, T., Rehbein, M. (2026). Measuring Nuclear Democracy: A Large-Scale Analysis of German Nuclear Energy Discourse. MDPI Histories Journal.

[8]Haider, T., Ruiz Fabo, P., Baumann, T., Martinez Canton, C. (to appear). Enjambement as Syntactic Disruption in Historical and Contemporary German and Spanish Poetry. Computational Humanities Research Journal (CHR).

[9]Sela, A., Haider, T., Plechac, P. (accepted). Mind the Meter: Systematic Language Variation in Poetry Corpora Confounds Computational Analysis. Submitted to Digital Scholarship in the Humanities Journal.

2025

[10]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.

[11]Plecháč, P., Šeļa, 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

[12]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.

[13]Plecháč, P., Cinková, S., Kolár, R., Šeļa, A., De Sisto, M., Nugues, L., Haider, T., Kočnik, N. (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

2021

[14]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

[15]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

[16]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. Also on arXiv:2003.07723

2014

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

FULL PAPERS IN (ACL) WORKSHOP PROCEEDINGS OR EQUIVALENT (PEER REVIEWED)

2025

[18]Haider, T., Perschl, T., Rehbein, M. (2025). Quantification of Biodiversity from Historical Survey Text with LLM-based Best-Worst Scaling. In EcoNLP@NoDaLiDa2025.

2024

[19]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

[20]Wöckener, J., Haider, T., Miller, T., Nguyen, 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.

2020

[21]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

[22]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.

[23]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

[24]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

[25]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).

EXTENDED DIGITAL HUMANITIES CONFERENCE ABSTRACTS (PEER REVIEWED)

2027

[26]Kleymann, R., Lucke, A., Geiger, J., Hegel, P., Wachter, C., Kremer, D., Haider, T., Hainke, J. (under review) Application is all you need?: Zur Lage der Theoriearbeit in Zeiten generativer Künstlicher Intelligenz. DHd2027, Marburg. Long Talk.

2026

[27]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., Käb, C., Linnea, B., Daniel, R. (2026). Introducing EcoCor: An Open Infrastructure for Digital Ecocriticism. Proceedings of DH2026 in Korea. Long Talk.

[28]Haider, T., Cypionka, A., Teich, M. (2026). Linking Speakers of the German Parliament to Wikidata: Scope and Coverage of Metadata. Prodeedings of EADH2026 in Krakow. Short Talk.

[29]Pérez, A., Ruiz Fabo, P., Haider, T., Rodríguez, P., Gamallo, P. (2026). O GalAPAgoS (Galician Automatic Poetry Analysis System) comeza a camiñar. CLARIAH-GAL workshop. Poster.

[30]Haider, T. (2026) Towards Affective Analysis of Animals in Poetry. Digital Humanities Conference in the German Speaking Area DHd2026, Vienna. Poster

2025

[31]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

[32]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

[33]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.

[34]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

[35]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.

[36]Haider, T., Gittel, B. (2022). Lexical Semantic Change in Literary Criticism. In Proceedings of International Digital Humanities Conference DH2022, Tokyo (online). Short Talk.

2020

[37]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.

[38]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.

[39]Haider, T. and Kentner, G. (2020). Speech Rhythm and Syntax in Poetry and Prose. In Proceedings of International Digital Humanities Conference DH2020, Ottawa (online). Long Talk.

2019

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

WORK IN PROGRESS

[X]Haider, T. (in prep.) Value Bias of Language Models towards Animals. Venue not determined yet.

[X]Haider, T., Oberbichler, S., Burghardt, M., Schumacher, M., Rehbein, M., Gius, E. (under review) Panel: Wen meinen wir, wenn wir von Natur sprechen? Offene Fragen in den Computational Environmental Humanities. Rejected at DHd2027, Marburg. Panel.

SELECTION OF (INVITED) TALKS

2026

Invited Talk on Wessen Natur? Computational Ecocriticism, oder: wie Maschinen Nichtmenschen in Literatur und lesen.. Junges Forschungsatelier, Univ. Passau.

Invited Talk on Symbol vs. Context: Affect and Meaning of Animals in Poetry. DH Ringvorlesung Regensburg.

Talk on Sounds of PoeTree. with Stefan Blohm. Plotting Poetry Conference, Caen.

Talk on A Critical Divide: Enjambement as Syntactic Disruption in German and Spanish Poetry. With Pablo Ruiz Fabo. Plotting Poetry Conference, Caen.

2025

Invited Talk on Animal-Centric Affective Analysis. CLS-SPP Conference Würzburg

Lightning Talk on Towards animal-centric affective analysis in poetry. Computational Humanities Research Conference, Luxembourg.

Invited Talk on Robust Quantification of Historical Biodiversity with Counterfactual Matching and Best Worst Scaling. Retreat of NLLG Group, Nürnberg University of Technology.

2024

Talk on Annotation of Text with the Hermeneutic Circle, Lecture Series Methods to Go, Methodikum, University of Passau

2023

Talk on Registers of Literature and their Evolution. Plotting Poetry Conference, Budapest.

Talk on Trends in NYT Bestseller Titles. DH2023 Conference, Graz.

2022

Talk on Semantic Change in Literary Criticism. DH2022 Conference, Tokyo (Online).

2020

Talk on Ambiguity in Verse Annotation at the conference for empirical literature research, IGEL (Online).

2019

Panel Talk on Deep Learning as Challenge for Computational Literary Studies at DHd2029, Frankfurt am Main.

Two Panels on "Automatic Writing 2.0" with Ann Cotten, Philipp Schönthaler, Hannes Bajohr, Gregor Dotzauer, Jan Müggenburg. At International Literature Festival Berlin (ilb), September 2019.

Invited Talk on Rhyme Detection at FU Berlin, Plotting Poetry 2.

2017

Talk on "A Functional Stylistics for Register Classification" at the 39th Annual Conference of the German Linguistic Society (DGfS), March 2017.

TEACHING

Text Analysis: Digital Ecocriticism — Winter 26/27
University of Passau — *Seminar/Lab (BA)*

Introduction to Theory and Methods of Digital Humanities — Winter 2024/25 & 25/26 & 26/27
University of Passau (first year w/ Malte Rehbein; second year independent) — *Lecture + Tutorial (BA)*

Language and Emotion in Media Discourse — Winter 25/26
University of Passau — *Seminar (BA)*

Sentiment Analysis (and Framing) — Summer 2025/26, Winter 25/26
University of Passau — *Advanced Lab/Seminar (MA)*

Lecture Series Methods to Go — Winter 2024/25
University of Passau — *Lecture Series (PhD)*

Political Rhetorics — Winter 2024/25
University of Passau (w/ Maike Park) — *Seminar (BA)*

Introduction to Programming with Python — Winter 2024/25
University of Passau — *Lecture + Lab (BA/MA)*

Corpus Linguistics — Summer 2024
University of Passau — *Seminar (BA)*

Prosody and Rhyme: Theoretical and Computational Perspectives — Summer 2024
University of Passau (w/ Jessica Nieder) — *Advanced Seminar (BA/MA)*

Text Analysis (for Social Sciences) — Winter 2023/24, Winter 2024/25
University of Passau — *Lab (BA/MA)*

Journal Club Methodikum — Winter 2023/24/25/26, Summer 2024/25
University of Passau — *Colloquium (PhD)*

Colloquium (Graduate Seminar) Digital Humanities — Summer 2024/25
University of Passau — *Colloquium (PhD)*

Computational Social Science and Sociolinguistics — Summer 2022
University of Göttingen — *Advanced Seminar + Lab (MA)*

Analysing Social and Cultural Data — Winter 2022/23
University of Göttingen — *Lab (MA)*

Network Analysis with Gephi and Sparql — Winter 2021/22, Winter 2022/23
University of Göttingen — *Lab (BA/MA)*

Distant Reading of Literature — Winter 2021/22
University of Göttingen — *Lab (MA)*

Stylistics, Stylometry, and Models of Emotion — Summer 2021
University of Göttingen — *Seminar + Lab (BA/MA)*

Deep Learning and Digital Humanities — Winter 2019/20, Winter 2020/21
TU Darmstadt (w/ Steffen Eger) — *Advanced Seminar (MA)*

TA Meta-Science (Science of Science) — Summer 2020
TU Darmstadt (for Steffen Eger) — *TA for Seminar*

TA Corpus Linguistics — Summer 2011
University of Groningen (for Gosse Bouma) — *TA for Lecture*

TA Introduction to Formal Logics — Summer 2010, Winter 2010/11
University of Heidelberg (for Michael Herweg) — *TA for Lecture*

PREVIOUS EMPLOYMENT

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 Apprencticeship Physics Lab Assistant *Dept. Research & Development*

SCIENTIFIC SERVICE

Reviewer for
DHd2023/24/25/26/27, ADHO2020/22/23/24/25/26, EADH2026, LREC2026, ACL2026, EMNLP2026, 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 and DHd2027 Marburg.

Infrastructure & Coordination
Coordinating Method Center for Humanities @ Uni Passau (Methodikum)

DHd Working Group Theory
Member (with Rabea Kleymann, Tessa Gengnagel, Alexa Lucke, etc.)

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, Darmstadt, Göttingen and Passau). I currently supervise a team of three students for my project ECOFRAME. I recently supervised a BA Thesis on 'Opinion Network Analysis in Hamlet with Large Language Models' and a BA Thesis on 'Computational Analysis of Party Manifestos'.

GRANTS

Computational Poetics Network — submitted
COST Action — *Secondary Proposer*

Seed Funding ECOFRAME (25k) — 2026 - 2027
Forschungspool Uni Passau — *PI*

Syllable reduction in German verse (500k) — 2025 - 2029
DFG — *Collaboration Partner (travel costs)*

European Poetry: Distant Reading (200k) — 2023 - 2025
Czech Academy of Sciences Fund — *Co-Applicant/Collaboration Partner (salary)*

DFG Conference Funding (28k) — 2024
University of Passau (Local DHd2024) — *PI*

SPOKEN NATURAL LANGUAGES

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

REFERENCES

Prof. Dr. Malte Rehbein University of Passau (Computational Humanities)
malte.rehbein@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*

Prof. Dr. Alexander Werth University of Passau (German Linguistics)
alexander.werth@uni-passau.de *Full Professor*

Prof. Dr. Steffen Eger University of Technology Nuremberg (Natural Language Learning and Generation)
steffen.eger@utn.de *Full Professor*

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

- *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.*