

Curriculum Vitae

Dirk Hovy
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Employment

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| Since 2023 | - Full professor with tenure, Computing Sciences department, Bocconi University, Milan, Italy |
| 2022 – 2023 | - Associate professor with tenure, Computing Sciences department, Bocconi University, Milan, Italy |
| 2018 – 2022 | - Associate professor with tenure, Marketing department, Bocconi University, Milan, Italy |
| 2016 – 2018 | - Associate professor of computer science, University of Copenhagen, Denmark |
| 2013 – 2016 | - postdoc in LOWLANDS project, Center for Language Technology, University of Copenhagen, Denmark |
| 2008 – 2013 | - research assistant, USC's Information Sciences Institute |

Education

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| 2008 – 2013 | - PhD, University of Southern California, USA. Thesis: <i>Learning Semantic Types and Relations from Text</i> . Supervisor: Jerry R. Hobbs |
| 2007 – 2008 | - study of computational linguistics at Saarland University, Saarbrücken, Germany |
| 2001 – 2006 | - Magister (M.A.), German and English linguistics and Linguistic Engineering, Marburg University, Germany. Thesis: <i>Language Change in the metropolitan area</i> . Supervisor: Jürgen-Erich Schmidt |

Publications

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| h-index: 52 | - Full list:
https://scholar.google.com/citations?user=7xluaTAAAAAJ&hl=en&oi=ao |
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- Selected Works - **Hovy, Dirk**, Berg-Kirkpatrick, T.; Vaswani, A.; Hovy, E. 2013. *Learnin Whom to Trust with MACE*. Proceedings of the 2013 Conference of the North American Chapter of the Association for Computational Linguistics. Pp. 1120–1130.
- **Hovy, Dirk**. 2015. *Demographic Factors Improve Classification Performance*. Proceedings of the Association for Computational Linguistics. Pp. 752–762.
 - **Hovy, Dirk**; Søgaard, A. 2015. *Tagging Performance Correlates Negatively with Author Age*. Proceedings of the Association for Computational Linguistics. Pp. 483–488.
 - **Hovy, Dirk**; Spruit, S. L. 2016. *The Social Impact of Natural Language Processing*. Proceedings of the Association for Computational Linguistics. Pp. 591–598.
 - Waseem, Z.; **Hovy, Dirk**. 2016. *Hateful Symbols or Hateful People? Predictive Features for Hate Speech Detection on Twitter*. Proceedings of the NAACL student research workshop. Pp. 88–93.
 - Benton, A.; Mitchell, M.; **Hovy, Dirk**. 2017. *Multitask Learning for Mental Health Conditions with Limited Social Media Data*. Proceeding of the 15th Conference of the European Chapter of the Association for Computational Linguistics. Pp. 152–162.
 - Paun, S.; Carpenter, B.; Chamberlain, J.; **Hovy, Dirk**; Kruschwitz, U.; Poesio, M. 2018. *Comparing Bayesian Models of Annotation*. Transactions of the Association for Computational Linguistics. Pp. 571–585. MIT Press.
 - Shah, D.; Schwartz, H. A.; **Hovy, Dirk**. 2020. *Predictive Biases in Natural Language Processing Models: A Conceptual Framework and Overview*. Proceedings of Association for Computational Linguistics. Pp. 5248–5264.
 - Bianchi, F.; Terragni, S.; **Hovy, Dirk**. 2021. *Pre-training is a Hot Topic Contextualized Document Embeddings Improve Topic Coherence*. Proceedings of the Association for Computational Linguistics, International Joint Conference on Natural Language Processing. Pp. 759–766.
 - **Hovy, Dirk**; Yang, D. 2021. *The Importance of Modeling Social Factors of Language: Theory and Practice*. Proceedings of the 2021 Conference of the North American Chapter of the Association for Computational Linguistics. Pp. 588–602.

Grants

- 2023 - Google research grant, PI (\$70,000)
- 2022 - MUR FARE grant INDOMITA, PI (288K EUR)
- Fondazione Cariplo grant MENTALISM, co-PI
- 2021 - Google research grant, PI (\$40,000 plus \$12,500 in Google Cloud Credits)
- 2020 - ERC Starting Grant INTEGRATOR, PI (1.5M EUR)
- 2019 - Riksbankens Jubileumsfond MiMAC, co-PI (1.1M EUR total, 248K EUR as co-PI)
- 2018 - Twitter Health Metrics grant, co-PI (\$1.3M total, 190K EUR as co-PI)
- Faculty research grant, marketing department Bocconi, PI (10,000 EUR as PI)
- 2017 - NVIDIA GPU grant, PI (\$1500 equivalent GPU donation as PI)
- 2016 - Eurostar grant RePROSIS, co PI (1,313,363 EUR total, 236K EUR as co-PI)
- 2015 - CCC (Center for Communication and Computing) grant for talk series Computational Sociolinguistics (19,000 DKK as co-PI)
- 2014 - Carlsberg Fund infrastructure grant (18,389 EUR as co-PI)
- 2010 - best presentation, 5th Intelligent Systems Division Student Symposium

Awards

- 2025 - Social Impact award, ACL (out of 3092 accepted submissions)
- Bocconi Teaching Innovation award (5000 EUR), with Paul Röttger
- 2024 - Social Impact award, EMNLP (out of 2300 accepted submissions)
- Outstanding Paper award, ACL (out of 1915 accepted submissions)
- 2022 - Bocconi Teaching Innovation award (5000 EUR)
- 2014 - Best Long Paper award, EACL (out of 79 accepted submissions)
- Best Long Paper award, *SEM (out of 23 accepted submissions)
- 2010 - best presentation, 5th Intelligent Systems Division Student Symposium

Professional Service

- Institutional - Dean for Digital Transformation and AI, 2024–2027
- Scientific Director, Data and Marketing Insight research unit, Bocconi University, since 2018
- Founding department committee member Computing Sciences department, 2021
- Job market committee Computing Science department, 2022, 2024

Trust	<ul style="list-style-type: none"> - Founding Member ACL Professional Conduct Committee (2018 – 2021) - Founding Member ACL Ethics Committee (2021–2024)
Editorial	<ul style="list-style-type: none"> - Ethics review editor in chief, ACL Rolling Review 2022 - Action editor Transactions of the Association for Computational Linguistics (since 2020) - Co-editor of a <i>Frontiers</i> special issue on Computational Sociolinguistic (2019)
Conferences	<ul style="list-style-type: none"> - General Chair EMNLP 2025 - SAC Ethics at ACL 2024 - SAC Low-Resource languages at EACL 2024 - AC Ethics EMNLP 2024 - Ethics chair ACL 2023 - Ethics board advisor NAACL 2022 - Senior area chair Ethics in NLP, ACL-IJCNLP 2021 - Ethics advisory board EMNLP 2020 - Ethics advisory board Coling 2020 - Senior area chair Ethics in NLP, ACL 2020 - Senior area chair Computational Social Science, EMNLP 2019 - Area co-chair ACL 2019 - Diversity and Integration committee NAACL 2019 - Area co-chair EMNLP 2018 - Local organizer chair EMNLP 2017 - Area co-chair NAACL 2016 - Area co-chair EMNLP 2016
Workshops and shared tasks	<ul style="list-style-type: none"> - 2024: NLP+CSS at NAACL - 2023: Cultural Considerations in NLP at EACL - 2022: NLP+CSS at EMNLP - 2020: NLP+CSS at EMNLP - 2019: NLP+CSS at NAACL - 2018: Ethics in NLP at NAACL - 2017: Ethics in NLP at EACL; NLP+CSS at ACL; Abusive Language Workshop at ACL - 2016: SemEval shared task 10, DiMSUM; NLP and Computational Social Science (NLP+CSS) at EMNLP

Tutorials	<ul style="list-style-type: none"> - 2025: “Social Intelligence in the Age of LLMs”, NAACL (with Hao Zhu, Bodhisattwa Prasad Majumder, Diyi Yang) - 2023: "Ethics in NLP", ALPS workshop - 2020: "Ethics in NLP", GSCL Ethik Workshop - 2020: "Integrating Ethics into the NLP Curriculum" at ACL (with Emily Bender and Xanda Schofield) - 2019: "Ethics in NLP", CLiC-IT conference - 2014: “Selection Bias, Label Bias, and Bias in Ground Truth” at Coling (with Barbara Plank and Anders Søgaard)
Reviewing	<ul style="list-style-type: none"> - Action editor TACL, reviewer for JCR, ACL, NAACL, Computational Linguistics, EMNLP, LREC, WWW, IJCAI, ESSLLI

Teaching Experience

2025	<ul style="list-style-type: none"> - Language Technology, 64 hrs - PhD Seminar Computational Social Science, 36 hrs
2024	<ul style="list-style-type: none"> - Natural Language Processing, 48 hrs - Language Technology, 64 hrs - PhD Seminar Computational Social Science, 12 hrs
2023	<ul style="list-style-type: none"> - Natural Language Processing, 48 hrs - PhD Seminar Computational Social Science, 12 hrs
2022	<ul style="list-style-type: none"> - Natural Language Processing, 48 hrs - PhD seminar Text Analysis, 24 hrs - PhD Seminar Computational Social Science, 12 hrs
2021	<ul style="list-style-type: none"> - Natural Language Processing, 48 hrs - PhD seminar Text Analysis, 24 hrs - PhD Seminar Computational Social Science, 12 hrs
2020	<ul style="list-style-type: none"> - Natural Language Processing, 48 hrs - PhD Methods seminar, 24 hrs - Social Media Marketing, 36 hrs - Marketing Research, 34 hrs
2019	<ul style="list-style-type: none"> - Social Media Marketing (co-taught with Gaia Rubera), 2 sections á 3hrs/week - Natural Language Processing, 48 hrs - PhD Methods seminar, 12 hrs
2018	<ul style="list-style-type: none"> - Social Media Marketing (co-taught with Gaia Rubera), 2 sections á 3hrs/week
2016	<ul style="list-style-type: none"> - Scientific Programming (with TA Joachim Bingel), 3hrs/week - supervision of 2 MSc theses

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| 2015 | <ul style="list-style-type: none"> - Scientific Programming (co-taught with Anders Johannsen and Zeljko Ágic), 3hrs/week - Language Processing 2 (co-taught with Barbara Plank), 3hrs/week - Supervision of 6 MSc theses - Supervision of 3 term projects |
| 2014 | <ul style="list-style-type: none"> - Scientific Programming (co-taught with Anders Johannsen), 3hrs/week |
| 2012 | <ul style="list-style-type: none"> - Teaching Assistant Introduction to Natural Language Processing, CS544 - Two half-day workshops Programming in Python for Linguists |
| 2005/2006 | <ul style="list-style-type: none"> - Web Publishing I (co-taught with Jan Königsfeld) |

Supervision

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| PhD supervision | - Serena Pugliese (graduated 2022) |
| PhD committees | <ul style="list-style-type: none"> - Marzieh Saeedi (UCL) - Francesco Barbieri (Pompeu Fabra) - Adrian Benton (JHU) - Stefano Menini (FBK Trento) - Chandler May (JHU) - Farzana Rashid (NTU) - Marco Del Tredici (University of Amsterdam) - Samson Tan (NUS) - Kilian Theil (University of Mannheim) - Caitlin Doogan (Monash University) - Christine DeCock (Cambridge University) - Mali Jin (Sheffield University) - Noëmi Aeppli (University of Zurich) - Alina Leiding (University of Amsterdam) - Armin Porunaki (University of Leipzig) - Denitsa Saynova (Chalmers University Gothenburg) |
| MSc candidates | Over 30 |

Invited Talks and Panels

- 2025
 - ALPS Winter school
 - SICSS Paris
 - SICSS Lake Como
 - University of Darmstadt
 - Keynote NLP for Positive Impact Workshop
 - IIT Delhi
- 2024
 - Ludwig Maximilians University, Munich
 - Keynote LT-EDI 2024 Workshop@EACL
 - Computational Social Science Summer School, Lake Como
 - University of Zurich
 - Keynote WebSci conference, Stuttgart
 - University of Aarhus
 - University of Copenhagen
- 2023
 - University of Warsaw
 - University of Cambridge
 - SAPEA scoping meeting, Brussels
 - Queen Mary University London
 - University of Vienna
 - Workshop at IT University Copenhagen
 - Workshop at University of Groningen
 - University of Darmstadt
 - Keynote WOAHP workshop at ACL
 - Keynote SODAS-NLP workshop University of Oxford
 - Keynote FEVER workshop at EACL
 - University of Padova
 - University of Gothenburg
 - ALPS workshop tutorial
 - IT University Copenhagen
- 2022
 - University of Bologna
 - University of Bern
 - University of Hamburg
 - University of Sheffield
 - University of Brescia
 - German Society of Computational Linguistics
 - University of Bergen
 - Keynote WASSA workshop
 - Keynote AI and Fairness workshop, Bocconi
 - Keynote Digital Humanities Symposium Tilburg

- 2021
 - Keynote ALTA conference
 - Keynote NLP4AI workshop at AIXIA
 - Zurich University
 - Saarland University
 - Austrian Centre for Digital Humanities and Cultural Heritage
 - University of Gothenburg
 - University of Mannheim
 - University of Granada
- 2020
 - University of Edinburgh
 - IT University Copenhagen
 - Keynote TALN workshop
 - Educational Testing Services
 - KAIST
 - Keynote GeBNLP workshop
 - University of Amsterdam
 - Johns Hopkins University
 - TU Darmstadt
 - Cambridge University
 - Dataminr
- 2019
 - Uppsala University
 - Queen Mary University London
 - Bloomberg London
 - Future of AI workshop, Cambridge University
 - Computational Humanities Summer School
 - Summer Institute CIFAR
 - EurNLP keynote
 - University of North Carolina
 - NYU
 - Stonybrook University
 - Google New York
 - Spotify
- 2018
 - Panel SLT conference
 - INRIA Lille
 - Panel NAACL industry track
 - Stuttgart University
 - TEDx Bocconi Milan
 - Carnegie Mellon University
 - Keynote PEOPLES workshop
 - ARL Aberdeen

- 2017
 - Workshop Villa Vigoni
 - Google Research Zurich
 - Keynote WNUT workshop at EMNLP
 - Google NLP Workshop NYC
 - CLARIN network meeting Kaunas
 - Ruhr-University Bochum
 - Keynote SocialNLP workshop at EACL
 - Data Science Day, Microsoft Copenhagen
- 2016
 - Royal Library Copenhagen
 - University of Pennsylvania
 - Army Research Lab Aberdeen
 - University College London (UCL)
 - University of Sheffield
 - University of Cambridge
 - Georgetown University
 - University of Massachusetts at Amherst
 - Fondazione Bruno Kessler, Trento
- 2015
 - University of Amsterdam
 - Johns Hopkins University
 - University of Heidelberg
 - University of Potsdam
 - School of Informatics, Edinburgh
 - University of Stuttgart
 - Columbia University
 - European Commission Joint Research Centre (JRC)
- 2014
 - Ludwig-Maximilian Universität (LMU) München
 - UNED, Madrid
 - Information Sciences Institute (ISI), Los Angeles
 - University of Oxford
 - University College London (UCL)
- 2013
 - Carnegie Mellon University, Pittsburgh
 - University of Amherst, Massachusetts
 - Copenhagen Business School
- 2012
 - University of Copenhagen
 - University of California at San Diego
- 2011
 - University of Darmstadt

Professional Memberships

- ACL (Association for Computational Linguistics)
- AILC (Associazione Italiana di Linguistica Computazionale)
- ELLIS (European Laboratory for Learning and Intelligent Systems)

Relevant Work Experience

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| 2012 | - design and administration www.naaclhlt2012.org , ACL |
| 2011 | <ul style="list-style-type: none"> - summer intern, IBM research T.J Watson, Hawthorne, Deep QA group. Developed UIMA annotator to identify temporal links for KR and temporal reasoning - participant in Machine Reading Project evaluation (at IBM), applying model developed during internship |
| 2010 | - participant in Machine Reading Project evaluation, administration of ISI component |
| 2009 | - co-organizer, ISI Intelligent Systems Division's 4th annual Grad Student Symposium |
| 2008 | - student assistant, MUSING project, DFKI (German Research Centre for Artificial Intelligence), development temporal domain ontology |
| 2007 | <ul style="list-style-type: none"> - student assistant, progressima s.r.l., Saarbrücken, Germany: web-programming - visiting research assistant, Information Sciences Institute of the University of Southern California, USA - design, implementation www.ckid.org, ISI - design, implementation www.dgo2008.org, ISI; |
| 2005 | <ul style="list-style-type: none"> - web developer, Virtual Linguistic Campus (VLC), Marburg university, Germany: administration tools and database structure - developer, Linguistics Online, Marburg university, Germany: picture database and according administration tools |
| 2004 | - web development, Virtual Centre for Teacher Training (VCT), administration tools and database structure |
| 2003 – 2006 | - research assistant, Deutscher Sprachatlas, University of Marburg: digitization of dialect maps and recordings |

Languages

German	native language
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English	fluent in writing and speaking (TOEFL IbT score: 117/120)
Danish	good knowledge (level 4)
Swedish	good knowledge
Dutch	good knowledge
Italian	good knowledge
French	basic knowledge
Spanish	basic knowledge
Latin	advanced Latin exam

Computer Skills

Languages:	Python, Java, PHP, HTML/XML, MySQL
Applications:	Eclipse, LaTeX, Adobe Photoshop

Personal

Born in:	Darmstadt, Germany
Citizenship:	German
Email:	mail@dirkhovy.com
Web:	http://www.dirkhovy.com
Interests:	Natural Language Processing, machine learning, computational social science
Hobbies:	cooking, exercise, leather crafting

For more information, see also <http://www.dirkhovy.com/cv/>

Milan, Wednesday, 20 August 2025

