Curriculum Vitae
Antske Fokkens, July 2020.

Personal Details

Name	Dr. Antske Sibelle Fokkens
E-mail	antske.fokkens@vu.nl
Home page	http://wordpress.let.vupr.nl/antske/
Current	Associate professor, Computational Linguistics
	Vrije Universiteit Amsterdam and TU Eindhoven

Academic Professional Experience

2019 – present **Vrije Universiteit Amsterdam: Associate Professor**
Faculty of Humanities, Dept. of Language, Literature and Communication. Computational Lexicology & Terminology Lab

2020 – present **TU Eindhoven: Associate Professor**
Faculty of Computer Science and Mathematics, Algorithms Cluster (0.2 FTE)

2016 – 2019 **Vrije Universiteit Amsterdam: Assistant Professor**
Faculty of Humanities, Dept. of Language, Literature and Communication. Computational Lexicology & Terminology Lab

2012 – 2016 **Vrije Universiteit Amsterdam: Researcher**
Faculty of Humanties & Faculty of Exact Sciences. Computational Lexicology & Terminology Lab

2011 – 2012 **Researcher, German Research Center for Artificial Intelligence**
Language Technology Lab, Project office Berlin

2010 (Aug-Nov) **Research Intern, Microsoft**
Microsoft Powerset, San Francisco, USA

2009 (Jan-March) **IRTG/PIRE Exchange**
Brown University, Providence, United States

2008 (Sept-Nov) **IRTG/PIRE Exchange**
University of Washington. Seattle, United States

2007 – 2010 **Lecturer and Researcher, Saarland University**
Department of Computational Linguistics

2006 – 2007 **Research Assistant, Saarland University**
Department of Computational Linguistics

2006 – 2007 **Teaching Assistant, Saarland University**
Department of Computational Linguistics

Education

2016 **University Teaching Qualification**
Vrije Universiteit Amsterdam

2014 **Ph.D. Computational Linguistics. *magna cum laude***
Saarland University IRTG/PIRE Ph.D. program
Title: *Enhancing Empirical Research for Linguistic Motivations of Precision Grammars.*
Supersors: Prof. dr. Hans Uszkoreit, Prof. dr. Emily M. Bender (University of Washington)

2007 **Master of Science in Language Science and Technology. *with distinction***
Saarland University. Thesis: *A Hybrid System for Compound Disambiguation*

2005	**Maîtrise Sciences du Language (Mention: *très bien*)**
	Université Michel de Montaigne, Bordeaux III. Thesis: *Les SD-adverbiaux en anglais américain*
2004-2005	**EAP: Undergraduate Exchange Program**
	University of California, Berkeley, United States
2004 (Febr-July)	**Free-mover exchange semester**
	Saarland University. Saarbrücken, Germany
2001	**Diplôme d'études supérieures de la langue française**
	Maison de DEFLE. Université Michel de Montaigne, Bordeaux III.
2000	**VWO diploma (high school diploma)**
	Stedelijk Gymnasium Nijmegen. Courses: Dutch, English, French, Latin, Greek, Arts & Art History, Mathematics-B (for Exact Science and Engineering), Mathematics-A (for Humanities and Social Sciences), Physics, Chemnistry

Honors, Memberships & Boards

Oct 2018 -	**Amsterdam Young Academy**
	Platform for talented young scientists of the UvA and VU Amsterdam
April 2017 -	**Navigating Knowledge Landscapes**
	International and Interdisciplinary Research Network addressing digitization and communication for the Medical domain
Aug 2017 -	**Advisory Board e-Ideas**
	VICI project Arianna Betti "towards a computational history of Ideas"
Sept 2016 -	**The Data Tales Consortium**
	National consortium of academic and industrial partners that brings together ethics, text mining and process mining
April 2016 -	**Advisory Board Journal Historical Network Analysis**
	Interdisciplinary Journal covering (among others) computational analyses of historical networks
July 2007 -	**DELPH-IN Deep Linguistic Processing with HPSG**
	International collaboration that aims at creating open source tools for deep linguistic processing (with HPSG)

Grants and Acquisition

Official (co)applicant, (co)PI and/or main author

2020	**PDI-SSH grant**
	Dutch participant recruitment platform for SSH research; with Martin Tanis and Ivar Vermeulen. Co-applicant (950k€))
2019	**NWO Open Competitie Digitalisering**
	Rethinking news algorithms: nudging users towards diverse news exposure; with Wouter van Atteveldt and Natali Helberger. Co-PI (750k€)
2018	**NWO Vrije Competitie**
	Framing Situations in the Dutch language; with Piek Vossen (PI), Johan Bos and Malvina Nissim. Co-applicant (800k€)
2018	**Ministry of Justice: Cybercrime**
	Identifying Phising mail; main applicant: TMI, Philippine Waisvisz. Co-applicant (250k€)
2018	**Network Institute Academy Assistant Program**
	Heattweet: Exploring the link between weather and aggression on social media. With Peter Kerkhof (14k€)

2017	**Joint E-science / Data Science grant, NWO & NL eScience Center**
	Tracking the Filter Bubble; with Wouter van Atteveldt (PI), Judith Möller, Laura Hollink, Natali Helberger and Kasper Welbers. Co-applicant; author NLP workpackage (244k€ & 250k€ in kind (eScience engineer))
2017	**Democracy and Media Foundation**
	Discriminatory micro-portraits of Muslims in political coverage; Democracy and Media Foundation (www.stdem.org); with Nel Ruigrok and Wouter van Atteveldt. Main author technical component (19k€)
2017	**CLARIAH Pilot**
	The History of Human Capital (HHu'CAP); with Richard Zijdemans (PI), Auke Rijpma and Martijn Kleppe; Co-applicant; author technical component (60k€)
2017	**College voor de Rechten van de Mens (Human Rights Association)**
	Research project detecting Age Discriminatiion in Job Advertisement. With Camiel Beukeboom; author technical component (20k€)
2017	**Network Institute Academy Assistant Program**
	A linguistic and behavioral assessment of a possible generic optimistic bias in individuals. With Jaap Ouwerkerk (14k€)
2016	**Ministry of Social Affairs**
	Commissioned Research for Ministry of Social Affairs, department of Employment. Investigating age discrimination in job advertisements. With Camiel Beukeboom (50k€)
2015	**NWO VENI grant**
	Reading between the lines. Identifying implicit perspectives. Personal grant (250k€)
2015	**Network Institute Academy Assistant Program**
	Identifying implicit stereotypical view in natural language through automatic linguistic analyses. With Camiel Beukeboom (14k€)
2014	**Network Institute Academy Assistant Program**
	Political Discourse in the News. With Wouter van Atteveldt (14k€)
2014	**Network Institute Academy Assistant Program**
	Time will tell a different story. With Serge ter Braake (14k€)
2014	**Netherlands eScience Grant**
	Visualizing Uncertainties and Perspectives. Co-applicant; Main author with Piek Vossen and Inger Leemans (125k€)
2013	**Enlighten Your Research Prize**
	Can we handle the news? Applying deep semantic analyses to big data; Main author with Piek Vossen (estimated 100k€ in kind)
2007	**Deutsche Forschungsgemeinschaft**
	PhD Scholarship as part of the International Research Training Group (IRTG) and Program in Research and Education (PIRE). Saarland University (estimated 70k€)

Researcher and one of many authors

2019	**NWO Gravity Grant**
	Researcher and one of 27 co-authors Hybrid Intelligence (8m€ 2019-2023, 11m€ 2024-2028
2019	**Volkswagenstiftung**
	Involved researcher, minor role among the 6 co-authors (137k€)

Teaching

2015 –   **Research Master: Human Language Technologies**

Curriculum design with (a.o.) Hennie van der Vliet and Piek Vossen. A humanities master specializing in natural language processing. Responsible for design core courses (NLP technologies & Machine Learning for NLP)

2016 – 2020   **Machine Learning for NLP. Course design, coordination and lecturer**

This course introduces machine learning as applied in natural language processing. Both classic and currently popular approaches are covered as well as main methodological aspects. Co-taught with Tommaso Caselli (coordinator) in 2016. Redesigned in 2017 for interdisciplinary setup (computer science and linguistics students). Redesign 2019 for conversion 2nd to 1st year in the masters.

2016, 2018, 2019   **NLP Technologies. Course design, coordinator and lecturer**

This course introduces Natural Language Processing as a research field. The necessary basics of linguistics and computer science needed to understand and work on research in this field are covered. Co-taught with Tommaso Caselli and Roser Morante.

2014 – 2017   **Text mining for digital humanities and Social Science**

Lecturer and in 2015-2016 coordinator, course design. This course (previously known as 'Annotation by Humans and Machines' and 'Deep interpretation by Humans and Machines') covers the basic methodological aspects of systematic text analysis through human annotation and automatic methods. Co-taught with Isa Maks, Tommaso Caselli, Anca Dumitrache, Lora Aroyo and Piek Vossen.

2013 – 2014   **Introduction to Python**

Course design and lecturer. An introduction to Python for Humanities students and researchers. With Marten Postma.

2013   **Tutorial Research in NLP**

Course design and lecturer. This course walked students step by step through the process of carrying out an experiment leading to a research paper in NLP. With Marten Postma and Marieke van Erp.

2008 – 2010   **Grammar Formalisms**

Lecturer in 2010, exercise instructor in 2009, 2008. BSc Course (in German) that introduces formal grammars and syntax to computational linguists. Co-taught with Prof. Dr. Hans Uszkoreit, PD. Dr. Valia Kordoni and Judith Köhne.

2008 – 2010   **Introduction to Computational Morphology**

Lecturer. A 4-hours lecture as part of an MSc Introduction Course.

2009 – 2010   **Syntactic Theory**

Course design and lecturer. This MSc course introduces the several syntactic theories used in computational linguistics: dependency grammars, LFG, TAG and HPSG. Co-taught with Dr. Yi Zhang.

2006 – 2007   **Introduction to Computational Linguistics**

Teaching assistant. BSc Course (in German) that provides a first introduction to computational linguistics. Instructors: Prof. Dr. Manfred Pinkal and Prof. Dr. Sebastian Pado.

Supervision

Ongoing -
- PostDoc Isa Maks (2017 - present) Topics: annotation and evaluation for text mining in the Humanities and Social Sciences. Identifying phising mail.
- Ph.D. Minh Le (co-promotor & daily supervisor), started September 2014, currently working part-time. Topic: Coherence and error propagation in machine learning systems (promotor: prof. dr. Piek Vossen)
- Ph.D. Pia Sommerauer (co-promotor & daily supervisor), started September 2017. Topic: Semantic properties of distributional semantic spaces. (promotor: prof. dr. Piek Vossen).
- External Ph.D. Phillipine Waisvisz (co-promotor), since November 2016. Topic: motivation mining. (promotor: dr. Thijs Broekhuizen, RUG)
- Ph.D. Levi Remijnse (co-promoter), since September 2019. Topic: Framing in the Dutch language. (promotor: prof. dr. Piek Vossen)
- Ph.D. Pantea Haghighatkhah. Since October 2019. Topic: Applying computational geometry for analyzing language models. (promotor: prof. dr. Bettina Speckmann, TU Eindhoven)

Completed -
- PostDoc Liesbeth Mann (2016-2017). With Camiel Beukeboom. Topic: the occurrence of age discrimination in job advertisements.
- Master level: Two M.A. and two M.Sc. theses in Computational linguistics/Computer Science
- Bachelor level: BA honours students in literature studies
- 13 student-assistants (8 academy assistants in interdisciplinary projects, 5 annotators)

Administration, Management & Coordination

Nov 2019 -	**Humanities Research Master Educational Committee**
	Member of the Education Committee for the Humanities Research Master.
Sept 2019 -	**Network Institute Academy Research Director**
	Part of the directory board of the Network Institute. Specific Focus: Initiatives for Facilitating Interdisciplinary Research.
Sept 2017 - Sept 2019	**Network Institute Academy Assistant Coordinator**
	with Christine Moser and Victor de Boer. The NIAA program funds interdisciplinary projects where two research assistants from different faculties collaborate and recieve educational training
Sept 2017 - Sept 2018	**HHuCap**
	Coordinator of computational linguistics component (1 postdoc)
Sept 2017 - April 2018	**Age Discrimination Detection**
	Coordinator of computatioanl linguistics component (1 postdoc)
2014 - 2016	**Can we handle the news?**
	Coordination of project: 2 engineers (SURFsara and NLeSc), researchers from Fondazione Bruno Kessler, University of Basque Country and VU Amsterdam

International Experience (international invitations and venues)

Keynotes, Invited Talks, Panels, Symposia and PhD committee

- 29 November 2019. PhD Committee Member. Emanuele Lapponi: The Language Analysis Portal. Oslo, Norway.
- 18-22 November 2019. Invited Participant at Dagstuhl Seminar: Bots for Software Engineering. Dagstuhl, Germany.
- 12-13 September 2019. Invited Participant by DFG for *Young Researchers Zukunftsworkshop*. Bonn, Germany.
- 27-28 May 2019. Invited speaker at Biographical Databases Symposium. Aix-en-Provence, France.
- 8 April 2019. Invited speaker at DFG Conference. Traceability and securing of results as essential challenges of research in the digital age. Berlin, Germany.
- 13 October 2018. Keynote Speaker at Historical Network Conference. Brno, Czech Replublic.
- 8 June 2017 Panel member: Unhinging the National Framework: Diaries and the Digital. International AutoBiogaphy Association (IABA) Conference. London, United Kingdom.
- 27-28 April 2017 Invited participation. International Meeting of Network: Navigating Knowledge Landscapes. Halden, Norway.
- 9-10 March 2017. Invited Speaker at 'From Qualitative to Quantative Research' Conference. Ajou University, Suwon, Korea.
- 16 November 2016. Keynote speaker at SWE-CLARIN Workshop. Umeå, Sweden.
- 26 September 2016. Guest speaker at *CRETA-Werkstatt*, University of Stuttgart, Germany.
- 23 September 2016. Keynote speaker at the LAP-launch, Oslo, Norway.
- 22 January 2016. Invited presentation and panel member (representing BiographyNet). Oxford University, United Kingdom.
- 26 November 2015. Invited presentation and panel member (representing NewsReader). Leuven University, Belgium.
- 12 November 2010. Invited talk. Using Grammar Customization for Analysis Comparison. University of Washington, Seatlle, United States.
- 27 August 2010. Presentation at the Berkeley Syntax Circle. UC Berkeley, United States.
- 22 January 2007. Invited presentation: Aspects of Grammar: from theory to computation in Germanic language investigation. Rijksuniversiteit Groningen, the Netherlands (from Germany).

Organization

- Conference on Biographical Data in a Digital World, BD2019 Member of scientific organization team. September. Varna, Bulgaria.
- Biases in social data and machine learning. Workshop at the 2nd European Symposium on Societal Challenges in Computational Social Science. Co-organizer with Jana Diesner (initator) and Wouter van Atteveldt. Cologne, Germany. 5 December 2018.
- Navigating Knowledge Landscape Symposium. Co-organizer (main organizer: Joyce Lamerichs). 15 December 2017. Amsterdam, The Netherlands.
- BD2017: Conference on Biographical Data in a Digital World. Member of scientific organization team. 6-7 November 2017. Linz, Austria.
- Language, Knowledge and People in Perspectives. International Workshop at the Lorentz center. Scientific Co-organizer. April 2017. Leiden, The Netherlands.

- Biographical Data Workshop: modeling, sharing and analyzing people's lives. Workshop at the Annual Digital Humanities Conference. Initiator and Main organizer. 11 July 2016. Krakow, Poland.
- BD2015: Conference on Biographical Data in a Digital World. Initiator and Main organizer with Serge ter Braake. Amsterdam, the Netherlands.
- Workshop on modeling perspectives (NewsReader internal Workshop). Main organizer and chair. Amsterdam, the Netherlands.
- DELPH-IN Summit 2010 Local organizer. Paris.

Dissemination: Tutorials, Courses & Consultancy
- 4 August 2017 Teacher (introduction to NLP) at the Zurich Summer School for Women in Political Methodologies. Zürich, Switzerland.
- 17-19 October 2016. Invited Research visit. Biographical data consultancy. Austrian Academy of Sciences, Vienna, Austria.
- 7 July 2010. With Emily M. Bender. The LinGO Grammar Matrix: Rapid Grammar Development for Hypothesis Testing. Tutorial at HPSG 2010. Paris, France.
- 17 May 2010. With Emily M. Bender and Safiyyah Saleem. Grammar Customization with the LinGO Grammar Matrix. Tutorial at LREC 2010, Valetta, Malta.

Project work (excluding management)

Dec 2019 -	**Identifying Age Discrimination** Follow up study from 2017/2018 (see below).
2016 - 2019	**NWO VENI: Reading Between the Lines** Research on computational models for identifying stereotyping and methodology in digital humanties and social science
June - Nov 2018	**KIEM Verbind** Creation of a datamodel for integrating technologies and concepts from process mining, customer journey moderation, natural language processing and ethics
Sept 2017 - April 2018	**Identifying Age Discrimination** Design and implementation of algorithm for detecting age discrimination in job advertisements. Evaluation of this algorithm.
Jan 2015 - Sept 2017	**CLARIAH, Workpackage 3** Design and update representation format linguistic data
April 2015 - April 2016	**Visualizing Uncertainty & Perspectives** Design and implementation BiographyNet use case
April 2013 - Dec 2015	**NewsReader** Design data representation linguistic data; design Semantic Web model for perspectives; evaluation of NLP technologies; design and implementation English & Dutch NLP tools
Oct 2012 - Sept 2015	**BiographyNet** Set-up Dutch NLP processing pipeline, design datamodel
2011 - 2012	**Komparse** Extension Language Generation System from (monolingual) English to bilingual English-German
2008 - 2012	**LinGO Grammar Matrix** Design and implementation of extensions word order library, design and implementation of CLIMB (metagrammar engineering)

Other Relevant Experience

National Invitations: Courses, Presentations and Panels

- January 2019. Teacher: LOT Netherlands Graduate School of Linguistics.
- 8 February 2019. Panel: Towards best practices for Automated Content Analysis. Etmaal van de Communicatiewetenschap.
- 31 October 2018. Panel member at stargazing session: eScience for the Humanities and Social Sciences - Challenges of today and tomorrow. IEEE - eScience conference. Amsterdam.
- 26-29 March 2018. Lorentz Workshop on Online Information Quality. Invited presenter and participant. Leiden.
- 12 October 2017. A closer look at distant reading. National eScience Symposium. Amsterdam.
- 11 September 2017. Drifting distributions? Possibilities and risks of using distributional semantics for studying concept drift. Keynote presentation. Drift-a-LOD Workshop. Semantics Conference, Amsterdam.
- 19-23 June 2017. Lorentz Workshop. Visualizing Digital Humanities. Invited Participant. Leiden.
- 15 May 2017. Deep Analysis: Reflections on experimental design in NLP. CLS Speaker Series, University of Amsterdam.
- 6 February 2017. With Willem R. van Hage. GRaSP and NAF: Linking Linguistic Annotations. Linked-Data for Linguistic Research workshop. Utrecht University.
- 30 November 2016 Antske Fokkens. Beyond the f-score: evaluation in NLP. TiCC Colloquium, Tilburg University.
- 31 March 2016 Reading between the Lines. Symposium Network Institute - Southampton exchange, Amsterdam, The Netherlands.
- 2015 Political Discourse in the news. Symposium: Digital historic newspapers as "big data". Koninklijke Bibliotheek, The Hague.
- 2014 presented by Serge ter Braake. God in Nederland 3.0, Amsterdam, Een nieuwe prosopografie van predikanten: mogelijkheden en valkuilen van DH-tools.
- 2014. With Guus Schreiber, Niels Ockeloen and Serge ter Braake. BiographyNet: linking the world of history. Presentation at Huygens ING, The Hague.
- 4 July 2013. Replicating Research. Network Institute Annual Event, Amsterdam.
- 19 September 2011 Exploring Parallel Analyses using Metagrammars. Heinrich Heine Universität Düsseldorf (from Berlin).

Organization (national events)

- Program Chair DHBenelux2020 (moved to online version). With Christian Olesen.
- Understanding Neural Networks in the Netherlands. Symposium. Main-iniator, co-organized with Afra Alishahi and Raquel Fernandez. 28 January 2019. Amsterdam.
- Workshop Muslim Stereotyping. Public workshop to discuss outcome of research on stereotyping of Muslims in the Media. Co-organizer. 20 October 2017. Leiden, the Netherlands.
- CLIN26: Computational Linguistics in the Netherlands. 18 December 2015. Main organizer with Roser Morante. Conference with 150 participants. Amsterdam, The Netherlands.
- TaCoS 2006 (student conference in computational linguistics). Co-organizer. Saarbrücken.

Data Modelling and Software Development

- GRaSP framework. Main designer of the Ground Representation and Source Perspective Framework. An RDF framework for representing perspectives.
- NLP Annotation Format. A flexible stand-off representation format for representing linguistic annotations. One of the main maintainer of NLP annotation format and its accompanying software.
- Semantic Processing tools for Dutch and English. Including factuality classification, coreference resolution, age descrimination detection, and evaluation functions (e.g. a function that establishes the rate of error propagation in parsing).
- Metagrammars: software that generates implemented Head-Driven Phrase Structure Grammars in TDL. Main metagrammar for German and other Germanic languages, prototype for Slavic languages.
- Spring cleaning software for grammars. Code that determines which proportions of an implemented Head-Driven Phrase Structure Grammar actually impact the resulting grammar.

National Dissemination: General Public, Courses & Scientific Methodologies

- 18 October 2019. Pannel Member Dies Natalis.
- 10 August 2019. NOS Publication Age Discrimination Research.
- 3 June 2019. IXA Symposium. Humanities & AI: Chances for New Connections. The Humanities LAB, Amsterdam.
- 14-18 January 2019. Winterschool course: A Deeper Understanding of Distributional Semantics. LOT - Netherlands Graduate School in Linguistics. Amsterdam.
- 23 November 2018. Speaker at: The Data Tales – Van Data Mining naar Story Mining. Presenting interdisciplinary research on analyzing and improving the customer journey to the general public. Utrecht.
- 28 October 2018. Interview Radio Swammerdam (weekly discussion program on Science). Topic: How algorithms influence knowledge acquisition in research. Amsterdam Radio.
- 12 March 2018. With Abdessamad Bouabid (Duo lecture). Moslims in het nieuws (Muslims in the News). At: Over beeldvorming gesproken, hoe kunnen we moslimdiscriminatie voorkomen? (Talking about framing, how can we prevent muslim discrimination?). The Hague.
- 7-8 December 2017. An introduction to distributional semantics. Invited Presentation. Reading Like A Human Workshop. Amsterdam.
- April 23 2017. Interview Radio 1. With Piek Vossen. Topic: Fake news and contradictory information on the Internet. Dutch National Radio.
- November 2016. Dutch Extensible Semantic Infrastructure for Digital Explorative Reading (DESIDERIA). KNAW Road map, Grootschalige Onderzoeksfaciliteiten. Proposal co-author (main author NLP subproject).
- 16 March 2016. With Piek Vossen. Approaches to NLP. Watson Meetup. Utrecht, the Netherlands.
- 21 October 2014. With Serge ter Braake and Niels Ockeloen. BiographyNet: from text to Linked Data for historical research. As part of: *Crash Course in Digital Humanities*.
- 4 April 2014. Workshop on using NLP for historical research. Main organizer with Serge ter Braake. Amsterdam, the Netherlands.

Academic Service

Editing

2019. Editor of Proceedings of the Netwerk Institute Academy Assistants programme
2018. Editor of Proceedings of BD2017: the 2nd conference on Biographical Data in a Digital World
2016. Guest editor of the Journal of Computational Linguistics in the Netherlands.
2015. Editor of Proceedings of BD2015: the 1st conference on Biographical Data in a Digital World

Area Chair

COLING 2018

Session Chair

Semantics. 26 January 2018. Computational Linguistics In the Netherlands, Nijmegen, The Netherlands.
Stylometry 2. 14 July 2016. Digital Humanities Conference, Krakow, Poland.
Plenary Presentation Session. 17 June 2016. DELPH-IN Summit, Stanford University. Palo Alto, USA.
Treebanking and evaluation. 17 July 2014. DELPH-IN Summit, Tomar, Portugal.
Site updates. 30 July 2013. DELPH-IN Summit, St. Wendel, Germany.
Syntax and Grammars. 16 December 2011. PACLIC conference, Singapore.

Reviewing

2020 Conference: LREC, ACL, VIST
Workshop: REPROLANG
2019 Conferences: NAACL, ACL, HPSG, ISWC (distinguished reviewer), EMNLP, AAAI, WebSci
Journals: TASL (2), PLOS ONE, Journal of Experimental Social-Psychology
Workshops: BlackboxNLP, Language Change
2018 Conferences: EMNLP, DH, HPSG, ACL, LREC, ISWC
Journals: LRE, JWS, Communication Methods and Measures
Workshop: ESSLLI stus2018, BlackboxNLP
2017 Conferences: NLDB, ESWC, EMNLP, EACL, ISWC, CLiC-it, WWW
Workshops: LaTeCH, KnowRSH, LTDHCSEE
2016 Conferences: GWC, EKAW, WWW, NLDB, DH, LREC, COLING
Workshops: LaTeCH, CHDH
2015 Conferences: ACL, DH, NLDB, DHBenelux, HPSG, ISWC
Workshops: LaTeCH, DIR, RRNLP
2014 Conferences: LREC, EKAW, CLIC, ISWC
2013 Workshops: LiSC, SWAIE
2012 Conference: LREC
2011 Workshop: Distributional Semantics and Compositionality (DiSCo)
2010 Conference: KONVENS
2009 Conference: EACL System Demonstrations

Hiring Committees

- Tenure Track Assistant Professor (CLTL, VU)

- PhD Computational Linguistics *Framing Situations in the Dutch Language* (NWO, vrije Competitie: CLTL, VU)

- PostDoc Computational Linguistics *Framing Situations in the Dutch Language* (NWO , vrije Competitie: CLTL, VU)

- PostDoc Computational Linguistics *e-Ideas* (NWO, VICI: ILLC, UvA)

- 2 PostDocs Computational Linguistics *Storylines and Perspectives* (NWO Spinoza: CLTL, VU)

- 2 PhDs Computational Linguistics *A quantum Model of Text Understanding* (NWO Spinoza: CLTL, VU)

- 2 PhDs Computational Linguistics *Words, Concepts and the perception of images and sounds* (NWO Spinoza: CLTL, VU)

Publications

My publications cover a variety of topics carried out in interdisciplinary, national and international collaboration. My own work has mainly focused on **methodology** in digitial humanities, digital social science and NLP. This theme is particularly reflected in my publications with Niels Ockeloen and Serge ter Braake (mainly for digital humanities) and, for NLP, in the papers proposing a new methodology for **grammar engineering**, work about the challenge of **replicating results** (notably Fokkens et al. 2013) and the papers written with my PhD students Minh Le and Pia Sommerauer.

Within the projects NewsReader and BiographyNet, I worked on **designing NLP pipelines** and **data modelling** as well as evaluation. This work is described in general project papers on NewsReader and BiographyNet as well as specific papers on the architecture and models themselves (notably the NAF and GAF publications, GRaSP framework in RDF and proposal for representing biographical data).

Content-wise, I have worked on **perspective** and **event detection** (NewsReader), **biographical research** (BiographyNet) and most recently on **stereotyping** and **concept drift** (NWO VENI project *Reading Between the Lines*).

Journal Publications

- Piek Vossen, Rodrigo Agerri, Itziar Aldabe, Agata Cybulska, Marieke van Erp, Antske Fokkens, Egoitz Laparra, Anne-Lyse Minard, Alessio Palmero Aprosio and German Rigau (2016) NewsReader: using knowledge resources in a cross-lingual reading machine to generate more knowledge from massive streams of news. In: *Knowledge-Based Systems*, ScienceDirect, Elsevier BV.

- Marco Rospocher, Marieke van Erp, Piek Vossen, Antske Fokkens, Itziar Aldabec, German Rigau, Aitor Soroa, Thomas Ploeger, Tessel Bogaard (2016) Building event-centric knowledge graphs from News, in: *Journal Web Semantics: Science, Services and Agents on the World Wide Web*, Elsevier.

- Miel Groten, Serge ter Braake, Yassine Karimi and Antske Fokkens (2016) Johan de Witt. De omstreden republikein, *Leidschrift 31* (2016) vol 2, 59-73.

- Emily M. Bender, Scott Drellishak, Antske Fokkens, Laurie Poulson, and Safiyyah Saleem (2010) Grammar Customization. In: *Research on Language and Computation.* 8(1):23-72.

Book Chapter

- Antske Fokkens, Serge ter Braake, Niels Ockeloen, Piek Vossen, Susan Legêne, Guus Schreiber, Victor de Boer. BiographyNet: Extracting Relations Between People and Events. In: Á. Z. Bernád, C. Gruber, M. Kaiser eds., Europa baut auf Biographien: Aspekte, Bausteine, Normen und Standards für eine europäische Biographik (New Academic Press 2017, ISBN: 978-3-7003-2069-2). p. 193-224.

Conference Publications (full paper review)

- Piek Vossen, Filip Ilievski, Marten Postma, Antske Fokkens, Gosse Minnema, and Levi Remijnse. Large-scale cross-lingual language resources for referencing and framing. In: *The 12th edition of its language resources and evaluation conference (lrec 2020)*, online edition.

- Astrid van Aggelen, Antske Fokkens, Laura Hollink and Jacco van Ossenbruggen. A Larger-scale Evaluation Resource of Terms and their Shift Direction for Diachronic Lexical Semantics In: *Proceedings of the 22nd Nordic Conference on Computational Linguistics (NoDaLiDa)*. Turku, Finland.

- Jelke Bloem, Antske Fokkens and Aurlie Herbelot. Evaluating the consistency of word embeddings from small data. In: *Proceeding of Recent Advances in Natural Language Processing (RANLP)*. Varna, Bulgaria.

- Pia Sommerauer, Antske Fokkens and Piek Vossen. Towards interpretable, data-derived distributional meaning representations for reasoning: A dataset of properties and concepts. In: *Proceedings of the Global WordNet Conference*. Wroclaw, Poland.

- Antske Fokkens and Serge ter Braake (2018) Connecting People Across Borders: a Repository for Biographical Data Models. In: *Proceedings of the 2nd edition of Biographical Data in a Digital World (BD2017)*, Linz, Austria.

- Serge ter Braake and Antske Fokkens (2018) How to be Remembered: People and Concepts Intertwined. In: *Proceedings of the 2nd edition of Biographical Data in a Digital World (BD2017)*, Linz, Austria.

- Minh Le and Antske Fokkens (2017) Tackling Error Propagation through Reinforcement Learning: A Case of Greedy Dependency Parsing. In: *Proceedings of the European chapter of the Association for Computational Linguistics (EACL2017)*. Valencia, Spain.

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