Curriculum Vitae
Joakim Nivre

Personal Information

Name:	Joakim Nivre
Born:	August 21, 1962
Gender:	Male
Nationality:	Swedish
Email:	joakim.nivre@lingfil.uu.se
Web:	https://jnivre.github.io

Education

2005	PhD in Computer Science, Växjö University, Sweden
2001	MSc in Computer Science, Växjö University, Sweden
1995	Docent in Linguistics, University of Gothenburg, Sweden
1992	PhD in Linguistics, University of Gothenburg, Sweden
1989	MA in Language Education, University of Gothenburg, Sweden

Positions

2008–	Professor of Computational Linguistics, Uppsala University, Sweden
2024	Visiting Fellow, Clare Hall, Cambridge
2021–2024	Senior Researcher, Research Institutes of Sweden (RISE)
2017	Fellow, Center for Advanced Study, Oslo, Norway
2017	Visiting Professor, University of Geneva, Switzerland
2012	Visiting Scientist, Google, New York, USA
2005–2008	Visiting Professor of Computational Linguistics, Uppsala University, Sweden
2002–2009	Professor of Computational Linguistics, Växjö University, Sweden
2000–2002	Senior Lecturer in Computer Science,Växjö University, Sweden
1994–1999	Senior Lecturer in Linguistics, University of Gothenburg, Sweden
1993–1998	Post-Doctoral Fellow in Linguistics, University of Gothenburg, Sweden
1987–1992	PhD Student in Linguistics, University of Gothenburg, Sweden
1986–1987	Research Assistant in Linguistics, University of Gothenburg, Sweden

Supervision

2007–	Supervisor of 9 post-doctoral researchers at Uppsala University

Ali Basirat, Uppsala University, Sweden (2019–2020)
Aaron Smith, Uppsala University, Sweden (2017–2018)
Eva Pettersson, Uppsala University, Sweden (2016–2018)
Fabienne Cap, Uppsala University, Sweden (2015–2017)
Christian Hardmeier, Uppsala University, Sweden (2014–2017)
Sara Stymne, Uppsala University, Sweden (2012–2014)

Reut Tsarfaty, Uppsala University, Sweden (2010–2012)
Carlos Gómez-Rodríguez, Uppsala University, Sweden (2009)
Marco Kuhlmann, Uppsala University, Sweden (2007–2009)

2002–   Main supervisor of 19 PhDs at Växjö University and Uppsala University

Clara Gustafsson, Uppsala University, Sweden (ongoing)
Oreen Yousuf, Uppsala University, Sweden (ongoing)
Luise Dürlich, Uppsala University, Sweden (ongoing)
Ellinor Lindqvist, Uppsala University, Sweden (ongoing)
Artur Kulmizev, Uppsala University, Sweden (2023)
Gongbo Tang, Uppsala University, Sweden (2020)
Miryam de Lhoneux, Uppsala University, Sweden (2019)
Ali Basirat, Uppsala University, Sweden (2018)
Yan Shao, Uppsala University, Sweden (2018)
Marie Dubremetz, Uppsala University, Sweden (2018)
Eva Pettersson, Uppsala University, Sweden (2016)
Mojgan Seraji, Uppsala University, Sweden (2015)
Christian Hardmeier, Uppsala University, Sweden (2014)
Oscar Täckström, Uppsala University, Sweden (2013)
Mattias Nilsson, Uppsala University, Sweden (2012)
Markus Saers, Uppsala University, Sweden (2011)
Jens Nilsson, Växjö University, Sweden (2009)
Johan Hall, Växjö University, Sweden (2008)
Leif Grönqvist, Växjö University, Sweden (2006)

1992–   Assistant supervisor of 24 PhDs at University of Gothenburg, Växjö University, Linköping University, Stockholm University, University of Oslo and University of Tartu

Rasmus Bro Clemmensen, Lund University, Sweden (ongoing)
Majken Ehn Bäcklund, Uppsala University, Sweden (ongoing)
Mahdi Brecq, Stockholm University, Sweden (ongoing)
Maja Buljan, University of Oslo, Norway (ongoing)
Evangelia Gogoulou, KTH, Sweden (2024)
Per Klang, Uppsala University, Sweden (2023)
Emil Lundin, Uppsala University, Sweden (2021)
Gisle Ytrestøl, University of Oslo, Norway (2012)
Yvonne Samuelsson, Stockholm University, Sweden (2012)
Sara Stymne, Linköping University, Sweden (2012)
Mark Fishel, University of Tartu, Estonia (2011)
Marcus Edvinsson, Växjö University, Sweden (2010)
Magnus Rosell, KTH, Sweden (2009)
Hans Hjelm, Stockholm University, Sweden (2009)
Svetoslav Marinov, University of Gothenburg, Sweden (2009)
Rüdiger Lincke, Växjö University (2009)
Åsne Håland, University of Oslo, Norway (2008)
Lilja Øvrelid, University of Oslo, Norway (2008)
Morgan Ericsson, Växjö University, Sweden (2008)
Genevieve Gorrell, Linköping University, Sweden (2006)
Maria Estling Vannestål, Växjö University, Sweden (2004)
Biljana Martinovski, University of Gothenburg, Sweden (2000)
Torbjörn Lager, University of Gothenburg, Sweden (1995)
Mats Dahllöf, University of Gothenburg, Sweden (2000)

1992–   Supervisor of 83 bachelor's and master's theses at University of Gothenburg, Växjö University and Uppsala University (linguistics, computational linguistics, computer science)

Research Activities

1988–   319 scientific publications, including 4 books, 45 journal articles and 186 refereed conference papers (see separate bibliography)

2003–   Keynote lectures and invited presentations at 52 international conferences and workshops

4th International Online Conference 'Corpora and Discourse', Kyiv, Ukraine (2024)

Computational Linguistics in Bulgaria, Sofia, Bulgaria (2024)
13th International Conference on Construction Grammar, Gothenburg, Sweden (2024)
Multi* Workshop on Linguistic Variation, Copenhagen, Denmark (2023)
Georgetown University Round Table in Linguistics, Georgetown, USA (2023)
AI4Research, Uppsala University, Sweden (2021)
WASP Virtual Job Fair [online] (2021)
Dagstuhl Seminar on Universals of Linguistic Idiosyncrasy in Multilingual Computational Linguistics [online] (2021)
Seminarium om AI-baserad textanalys [online] (2021)
Workshop on Treebank Annotation for Tamil [online] (2021)
Swedish NLP Webinar [online] (2021)
Text, Speech and Dialogue, Brno, Czech Republic [online] (2020)
The Swedish Language Bank Workshop, Gothenburg, Sweden [online] (2020)
Computational Linguistics in the Netherlands, Utrecht, The Netherlands (2020)
EurNLP Summit, London, UK (2019)
Using Ancient Treebanks: Reports and Dreams, Helsinki, Finland (2019)
Robustness in Parsing, Groningen, The Netherlands (2019)
Grammar and Corpora, Paris, France (2018)
Swedish Symposium on Deep Learning, Gothenburg, Sweden (2018)
Computational Methods for Endangered Language Documentation and Description, Paris, France (2018)
Recent Advances in Natural Language Processing, Varna, Bulgaria (2017)
Conference on Logic and Machine Learning in Natural Language, Gothenburg, Sweden (2017)
55th Annual Meeting of the Association for Computational Linguistics, Vancouver, Canada (2017)
26th International Conference on Computational Linguistics, Osaka, Japan (2016)
Grammar and Lexicon Workshop, Osaka, Japan (2016)
3rd Italian Conference on Computational Linguistics, Napoli, Italy (2016)
12th Workshop on Multiword Expressions, Berlin, Germany (2016)
Workshop on Multilingual and Crosslingual NLP, Helsinki, Finland (2016)
16th Int. Conference on Intelligent Text Processing and Computational Linguistics, Cairo, Egypt (2015)
Web-Scale Natural Language Processing in Northern Europe, Oslo, Norway (2014)
Symposium for Elisabet Engdahl, Gothenburg, Sweden (2014)
SPMRL-SANCL Workshop, Dublin, Ireland (2014)
3rd Workshop on Hybrid Approaches to Machine Translation, Gothenburg, Sweden (2014)
1st International Conference on Dependency Linguistics, Barcelona, Spain (2011)
Security and Intelligent Information Systems, Warszaw, Poland (2011)
18th Nordic Conference on Computational Linguistics, Riga, Latvia (2011)
9th Workshop on Treebanks and Linguistic Theories, Tartu, Estonia (2010)
DIALOG Conference, Moscow, Russia, (2010)
Theory, Typology and Technology: Parsing in the Face of Diversity, Amsterdam, Netherlands (2010)
6th International Conference on Natural Language Processing, Hyderabad, India (2009)
11th International Conference on Parsing Technologies, Paris, France (2009)
25th Annual Conference of the Spanish Society for NLP, San Sebastian, Spain (2009)
Dependency Parsing Workshop, Boulder CO, USA (2009)
6th International Conference on Natural Language Processing, Gothenburg, Sweden (2008)
Workshop on Cross-Framework Parser Evaluation, Manchester, UK (2008)
Workshop on Unified Linguistic Annotation, Bergen, Norway (2007)
10th International Conference on Parsing Technologies, Prague, Czech Republic (2007)
NFS Treebank Workshop, Rochester NY, USA (2007)
FIPLV World Congress, Gothenburg, Sweden (2006)
ATILA Workshop, Corsendonk, Belgium (2005)
Nordic Language Technology General Seminar, Joensuu, Finland (2005)
Nordic Language Technology General Seminar, Reykjavik, Iceland (2003)

1987–   Invited talks at 59 institutions around the world

Clare Hall, Cambridge, UK (2024)
University of Cambridge, UK (2024)
Charles University in Prague, Czech Republic (2024)
University of Leeds, UK (2023)
Istanbul Technical University, Turkey (2023)
University of Groningen, Netherlands (2023)
University of Gothenburg, Sweden (2022)
Georgetown University, USA [online] (2021)
Indiana University, USA [online] (2020)
Uppsala University, Sweden [online] (2020)

The Royal Society of Humanities at Uppsala, Sweden (2019)
Charles University in Prague, Czech Republic (2018)
Norwegian Academy of Science and Letters, Norway (2018)
Norwegian Academy of Science and Letters, Norway (2017)
University of Cambridge, UK (2017)
Yandex, Moscow, Russia (2016)
University of Stuttgart, Germany (2015)
University of Gothenburg, Sweden (2015)
University of Edinburgh, UK (2015)
University of Leipzig, Germany (2015)
Linköping University, Sweden (2015)
University of Stuttgart, Germany (2013)
University of A Coruña, Spain (2013)
University of Paris (Paris 7), France (2013)
University of Geneva, Switzerland (2013)
City University New York, USA (2012)
Cornell University, USA (2012)
Columbia University, USA (2012)
University of Maryland, USA (2012)
Johns Hopkins University, USA (2012)
Massachusetts Institute of Technology, USA (2012)
Carnegie-Mellon University, USA (2012)
University of Colorado, Boulder, USA (2012)
University of Cambridge, UK (2012, 2017)
University of Groningen, Netherlands (2011, 2017)
Charles University in Prague, Czech Republic (2011)
University of Zürich, Switzerland (2010)
University of Nancy, France (2010)
Saarland University, Saarbrücken, Germany (2009)
Google, New York NY, USA (2009)
University of Paris (Paris 7), France (2009)
University of Potsdam, Germany (2008)
University of Sussex, Brighton, UK (2008)
Swedish Graduate School in Cognitive Science, Norrköping, Sweden (2008)
University of Amsterdam, Netherlands (2008)
University of Edinburgh, UK (2007, 2012, 2015)
Copenhagen Business School, Denmark (2007)
KTH, Stockholm, Sweden (2005)
Uppsala University, Sweden (2003, 2005, 2008)
NTNU, Trondheim, Norway (2002)
University of Bergen, Norway (2002)
Växjö University, Sweden (2001, 2002, 2003, 2004)
University of Antwerp, Belgium (1998)
University of Trondheim, Norway (1997)
UMIST, Manchester, UK (1994)
Stockholm University, Sweden (1994, 1997, 2006, 2014)
Tilburg University, Netherlands (1990, 1994)
Lund University, Sweden (1989, 2003)
University of Gothenburg, Sweden (1987, 1992, 1994, 1996, 2002, 2005, 2014)

1986– Participation in 33 externally funded research projects

Principal investigator, Swedish Centre for Impacts of Climate Extremes (CLIMES) (VR) (2024–2028)
Principal investigator, A State-of-the-Art Impacts Database of European Climate Extremes from Mining of Online Texts (VR) (2023–2026)
Principal investigator, Modular Multilingual Models (VR) (2023–2026)
Team leader, Efficient and Explainable NLP for Pharmacovigilance (Läkemedelsverket) (2023–2027)
Principal investigator, Resource-Efficient NLP (Meta) (2023)
Team leader, GPT-SW3: A Swedish Foundation Model for Text Processing (VINNOVA) (2022–2023)
Principal investigator, Resource-Efficient NLP (RISE) (2022)
Researcher, KnowIT Fast (VINNOVA) (2022–2023)
Team leader, Linguistic Exploration of Societies (VR) (2022–2023)
Team leader, Language Models for Swedish Authorities (VINNOVA) (2022)
Team leader, Datalabbet resultaten i staten (VINNOVA) (2019–2021)
Principal investigator, Universal Dependency Parsing (VR) (2017–2021)

Researcher, From close to distant reading (UU) (2017–2019)
Researcher, Nordic Language Processing Laboratory (NeIC) (2017–2020)
Researcher, Universal Dependencies (2014–)
Researcher, Parsing and Multiword Expressions (ICT COST Action) (2013–2017)
Principal investigator, Efficient Algorithms for NLP Beyond Sentence Boundaries (eSSENCE) (2012–2014)
Principal investigator, Syntactic Parsing for Synthetic Languages (VR) (2009–2011)
Principal investigator, Grammar Extraction (VR) (2006–2008)
Principal investigator, Inductive Dependency Parsing (VR) (2006–2008)
Coordinator, Nordic Treebank Network (Nordic Language Technology Program) (2003–2005)
Principal investigator, Stochastic Dependency Grammars for Natural Language Parsing (VR) (2003–2005)
Member, Network for Philosophy of Science in Computer and Systems Science (KK) (2003–2004)
Principal investigator, Swedish Treebank (RJ) (2002–2003)
Researcher, Comparative Semantics for Nordic Languages (NOS-H) (1998–2000)
Advisory board member, Multilevel Annotation Tools Engineering (EU FP4) (1998–1999)
Researcher, Swedish Dialogue Systems (HSFR/NUTEK) (1998–1999)
Researcher, Spoken Language and Social Activity (RJ) (1995–1998)
Researcher, Trans European Employment (EU FP4) (1995–1998)
Consultant, A Framework for Computational Semantics (LRE-2) (1994–1995)
Researcher, Semantics and Spoken Language (HSFR) (1991–1994)
Researcher, A Pragmatics-Based Language Understanding System (ESPRIT-II) (1990–1993)
Research assistant, Ecology of Adult Language Acquisition (ESF) (1986–1987)

Teaching Activities

2001–   Uppsala University, teaching in computational linguistics on all levels (Basic, Advanced, PhD), 13 courses (for supervision, see above)

Basic text processing (Basic 1) (2014)
Natural language processing (Advanced) (2013–2016, 2018)
Introduction to language technology (Basic 1) (2013)
Syntactic parsing (Advanced, PhD) (2013, 2015–2016, 2018, 2021)
Machine learning for NLP (Advanced) (2011, 2016, 2018)
Language technology project (Advanced) (2011)
Statistical methods in language technology (Advanced) (2011–2012)
Statistical methods (PhD, GSLT) (2009, 2011–2012)
Techniques for large-scale parsing (Basic 3) (2009–2010)
Mathematics for language technologists (Basic 2) (2008–2009)
Statistical algorithms in language technology (Basic 3) (2006–2008)
Language technology research and development (Advanced) (2005–2008, 2011–2016, 2018–2019, 2023)
Language statistics (Basic 2) (2001–2002)

2000–2008   Växjö University, teaching in computer science on all levels (Basic, Advanced, PhD), 17 courses (for supervision, see above)

Machine learning 2 (PhD, GSLT) (2006, 2008)
Treebanks (PhD, GSLT) (2006)
Parsing methods (PhD, GSLT) (2005)
Language and logic (Basic 2) (2004–2006)
Machine learning (PhD, GSLT) (2003, 2005, 2007)
Language technology 2 (Advanced) (2003–2004, 2006)
Language technology project (Advanced) (2003–2004)
Statistical methods (PhD, GSLT) (2002, 2005, 2007)
Language technology 1 (Basic 3) (2002–2006, 2008)
Dependency grammar (PhD) (2002)
Methods in computer science (Basic 3) (2001, 2005–2006)
Natural language processing (PhD, GSLT) (2001–2002, 2004)
Algorithm theory (Basic 3) (2001)
Computer science (Basic 1) (2001)
Semantics (PhD) (2001)
Linguistic theory (PhD) (2001)
Linguistic methods (PhD) (2000)

| 1987–2002 | University of Gothenburg, teaching in linguistics and computational linguistics on all levels (Basic, Advanced, PhD), 25 courses (for supervision, see above) |

Basic text processing (Basic 1) (2014)
Natural language processing (Advanced) (2013–2016, 2018)
Introduction to language technology (Basic 1) (2013)
Syntactic parsing (Advanced, PhD) (2013, 2015–2016, 2018, 2021)
Machine learning for NLP (Advanced) (2011, 2016, 2018)
Language technology project (Advanced) (2011)
Statistical methods in language technology (Advanced) (2011–2012)
Statistical methods (PhD, GSLT) (2009, 2011–2012)
Techniques for large-scale parsing (Basic 3) (2009–2010)
Mathematics for language technologists (Basic 2) (2008–2009)
Statistical algorithms in language technology (Basic 3) (2006–2008)
Language technology research and development (Advanced) (2005–2008, 2011–2016, 2018–2019, 2023)
Language statistics (Basic 2) (2001–2002)

| 1994– | Teaching in linguistics and computational linguistics at various institutions, including summer schools and tutorials, 16 courses |

CLIMES Summer School, Uppsala, Sweden (2024)
NLPL Winter School, Skeikampen, Norway (2020)
Universal Dependencies for NLP and Linguistics, University of Geneva, Switzerland (2018)
Universal Dependencies, EACL tutorial [w. Daniel Zeman, Filip Ginter, Francis Tyers], Valencia, Spain (2017)
Universal Dependencies and Dependency Parsing, University of Geneva, Switzerland (2017)
Dependency Parsing and Multiword Expressions, PARSEME training school, Prague, Czech Republic (2015)
Recent advances in dependency parsing, EACL tutorial [w. Ryan McDonald], Gothenburg, Sweden (2014)
Introduction to data-driven dependency parsing, ESSLLI [w. Ryan McDonald], Dublin, Ireland (2007)
Dependency parsing, ACL-COLING tutorial [w. Sandra Kübler], Sydney, Australia (2006)
Statistical natural language processing, DGfS fall school, Osnabrück, Germany (2003)
Statistical language processing (PhD), University of Bergen, Norway (2002)
Statistical computational linguistics (PhD), Stockholm University, Sweden (2000)
Lexical semantics (PhD), Lund University, Sweden (1998)
Statistical computational linguistics (PhD), University of Antwerp, Belgium (1998)
Semantics (PhD), NorFA summer school, Brösarp, Sweden (1997)
Artificial intelligence (Basic 3), Chalmers University of Technology, Gothenburg, Sweden (1994–1999)

| 1997– | External examiner or committee member for 64 PhD theses or similar |

Maximilian Müller-Eberstein, IT University Copenhagen, Denmark (2024)
Yuqian Dai, University of Leeds, UK (2023)
Dmytro Kalpakchi, KTH, Stockholm, Sweden (2023)
Raphaela Heil, Uppsala University, Sweden (2023)
Ahmet Üstün, University of Groningen, The Netherlands (2023)
Michalina Strzyz, University of La Coruña, Spain (2021)
Alessandra Teresa Cignarella, University of Turin, Italy and Polytechnical University of Valencia, Spain (2021)
Ilia Kuznetsov, Technical University of Darmstadt, Germany (2021)
Bowen Li, University of Edinburgh, UK (2021)
Ayan Das, Indian Institute of Technology Kharagpur, India (2020)
Wafia Adouane, University of Gothenburg, Sweden (2020)
Agnieszka Falenska, University of Stuttgart, Germany (2020)
Mehdi Ghanimifard, University of Gothenburg, Sweden (2020)
Xuezhe Ma, Carnegie-Mellon University, USA (2020)
Dingquan Wang, Johns Hopkins University, USA (2019)
Prasanth Kolachina, University of Gothenburg, Sweden (2019)
Daniel Hershcovich, The Hebrew University, Israel (2019)
Rob van der Goot, University of Groningen, The Netherlands (2019)
Marc Tang, Uppsala University, Sweden (2019)
Mikael Kågebäck, Chalmers University of Technology, Sweden (2018)
Andrea Andrenucci, Stockholm University, Sweden (2018)
Kristina Gulordava, University of Geneva, Switzerland (2018)
Rafiya Begum, International Institute of Information Technology, Hyderabad, India (2017)
Sharid Loaiciga, University of Geneva, Switzerland (2017)

Miikka Silfverberg, University of Helsinki, Finland (2016)
Marilena Di Bari, University of Leeds, UK (2016)
Dominick Ng, University of Sydney, Australia (2015)
Wolfgang Seeker, University of Stuttgart, Germany (2015)
Angelina Ivanova, University of Oslo, Norway (2015)
Daniel Fernandez-González, University of Vigo, Spain (2015)
Sunghwan Kim, Macquarie University, Australia (2015)
Phillip Alday, Philipps-Universität Marburg, Germany (2015)
Xavier Lluis, Universitat Politècnica de Catalunya, Spain (2015)
Robert Östling, Stockholm University, (PhD pre-defense) (2014)
Anders Søgaard, University of Copenhagen, Denmark (Dr Phil) (2014)
Enrique Henestroza Anguiano, University of Paris (Paris 7), France (2013)
Jinho Choi, University of Colorado, Boulder, USA (2013)
Martin Haulrich, Copenhagen Business School, Denmark (2012)
Barbara Plank, University of Groningen, Netherlands (2011)
Reut Tsarfaty, University of Amsterdam, Netherlands (2010)
Carlos Gómez-Rodríguez, University of A Coruña, Spain (2009)
Richard Johansson, Lund University, Sweden (2008)
Erik Velldal, University of Oslo, Norway (2008)
Ingrid Björk, Uppsala University, Sweden (2008)
Jan Odelstad, KTH, Stockholm, Sweden (2008)
Martin Hassel, KTH, Stockholm, Sweden (2007)
Gabriel Skantze, KTH, Stockholm, Sweden (2007)
Anders S. Johansen, IT University of Copenhagen, Denmark (2006)
Matthias Trautner Kromann, Copenhagen Business School, Denmark (Dr Phil) (2006)
Richard Johansson, Lund University, Sweden (Lic) (2006)
Gustav Öquist, Uppsala University, Sweden (2006)
Magnus Sahlgren, Stockholm University, Sweden (2006)
Johnny Bigert, KTH, Stockholm, Sweden (2005)
Peter Ljunglöf, Chalmers University of Technology, Gothenburg, Sweden (2004)
Robert Ryan, Växjö University, Sweden (2004)
Robert Eklund, Linköping University, Sweden (2004)
Jörg Tiedemann, Uppsala University, Sweden (2003)
Jean-Georges Plathner, Växjö University, Sweden (2003)
Beáta Megyesi, KTH, Stockholm, Sweden (2002)
Jennifer Spenader, Stockholm University, Sweden (2002)
Chantal Ottesen, Växjö University, Sweden (Lic) (2002)
Åsa Nordqvist, University of Gothenburg, Sweden (2001)
Peter Ingels, Linköping University, Sweden (Lic) (1997)
Erland Gadelii, University of Gothenburg, Sweden (1997)

1991–	14 pedagogical texts, including 2 books (see separate bibliography, items marked [Pedagogical])
1995–	5 pedagogical software packages and web-based courses

Statistical Natural Language Processing (interactive web course) (1998)
PATR Laboratory (w. Björn Beskow and Torbjörn Lager) (1995)
Categorial Grammar Laboratory (w. Björn Beskow and Torbjörn Lager) (1995)
Definite Clause Grammar Laboratory (w. Björn Beskow and Torbjörn Lager) (1995)
Phrase Structure Grammar Laboratory (w. Björn Beskow and Torbjörn Lager) (1995)

Honors and Awards

2023	Best Senior Area Chair at EMNLP 2023
2023	ACL Dragomir Radev Distinguished Service Award
2023	ACL Test-of-Time Award: "Universal Dependency Annotation for Multilingual Parsing" (ACL, 2013)
2022–	Working member, The Royal Swedish Academy of Letters, History and Antiquities
2021–	Fellow of the Association for Computational Linguistics
2017–	Working member, Royal Society of Sciences
2016–	Working member, Royal Society of Humanities of Uppsala
2015	Thuréus Prize, awarded by the Royal Society of Sciences

2015–	Working member, Royal Society of Arts and Sciences of Uppsala
2014–	Member, International Committee on Computational Linguistics

Academic Services

2021–2022	Dean, Faculty of Languages, Uppsala University
2020	Vice-Dean, Faculty of Languages, Uppsala University
2019–2020	Head of Department, Department of Linguistics and Philology, Uppsala University
2019	Evaluation of Institute for Computational Linguistics, University of Zürich
2019	Evaluation of education, Department of Philosophy, Uppsala University
2019	Evaluation of PhD program, Faculty of Humanities, University of Gothenburg
2019	Deputy Head of Department, Department of Linguistics and Philology, Uppsala University
2018	Past President, Association for Computational Linguistics
2017	President, Association for Computational Linguistics
2016	Vice-President, Association for Computational Linguistics
2015–	Scientific advisory board member, Center for Linguistic Theory and Studies in Probability (CLASP)
2015	Vice-President-Elect, Association for Computational Linguistics
2014–	Faculty board member, Faculty of Languages, Uppsala University
2013–	Advisory board member, LINDAT/CLARIN, Czech Republic
2012–	Advisory board member, Galician NLP and IR Network
2010–2012, 2016–2020	Departmental board member, Department of Linguistics and Philology, Uppsala University
2009–2012	Secretary, European Chapter of the Association for Computational Linguistics (EACL)
2009–2011	President, ACL Special Interest Group on Computational Natural Language Learning (SIGNLL)
2007–2012	Member of the special quality committee, Uppsala University
2007–2009	Secretary, ACL Special Interest Group on Computational Natural Language Learning (SIGNLL)
2006–2011	Treasurer, Northern European Association for Language Technology (NEALT)
2004–2006	University board member, Växjö University
2001–2010	Deputy director, Swedish National Graduate School on Language Technology (GSLT)
1999	Head of department, Department of Linguistics, University of Gothenburg
1993–1999	Departmental board member, Department of Linguistics, University of Gothenburg
1992–1995	Director of studies for computational linguistics, University of Gothenburg
1992–1994	Director of studies for linguistics, University of Gothenburg
1990–1991	President, PhD student board, Faculty of Humanities, University of Gothenburg
1988–1991	Faculty board member, Faculty of Humanities, University of Gothenburg

Reviewing and Conference Organization

2016–	Advisory board member, Italian Journal of Computational Linguistics
2012–2016	Action editor, Transactions of the Association for Computational Linguistics
2010–2012	Editorial board member, Computational Linguistics
2008–2011	Editorial board member, Northern European Journal for Language Technology
2007–2009	Editorial board member, Research on Language and Computation
2004–	Expert reviewer of grant proposals for 18 national research agencies and other institutions

University of Antwerp (2021)

Israeli Science Foundation (2021)
ERC Starting Grant (2020)
ERC Advanced Grant (2019)
Institut Universitaire de France (2018)
Qiu Shi Science and Technologies Foundation, China (2015)
American Academy in Berlin (2013)
Croucher Foundation, HongKong (2013)
Netherlands Organisation for Scientific Research (NWO) (2012)
French National Research Agency (ANR) (2011)
University of Leuven (2010)
European Research Council (ERC) (2009, 2018, 2025)
Czech Science Foundation (GA ČA) (2009)
Swedish Foundation for Cooperation in Research and Higher Education (STINT) (2008, 2009)
Riksbankens Jubileumsfond (RJ) (2007, 2008, 2016)
Research Foundation Flanders (FWO) (2005, 2006, 2015)
Swedish Research Council (VR) (permanent member of review committee) (2004–2006, 2007)
University of Gothenburg (2004)

2003– Program chair or other leading role in the organization of 30 international conferences

Area chair, ACL Rolling Review, December 2024 (2024)
Senior area chair for syntax, parsing and their applications, Conference on Empirical Methods in NLP (2023)
Area chair for syntax, tagging and parsing, 61st Annual Meeting of the ACL (2023)
Senior area chair for COI, 17th Conference of the European Chapter of the ACL (2023)
Area chair for syntax, tagging and parsing, 2nd Conference of the Asia-Pacific Chapter of the ACL and the 12th International Joint Conference on NLP (2022)
Senior area chair for syntax, tagging and parsing, 60th Annual Meeting of the ACL (2022)
Area chair for resources and evaluation, 59th Annual Meeting of the ACL (2021)
Area chair for resources and evaluation, Conference of the North American Chapter of the ACL (2021)
Senior area chair for syntax, tagging and parsing, Conference of the European Chapter of the ACL (2021)
Area chair for syntax, tagging and parsing, Conference on Empirical Methods in NLP (2020)
Senior area chair for multilinguality, 57th Annual Meeting of the ACL (2019)
Program co-chair, 4th International Conference on Dependency Linguistics (2017)
Program co-chair, 1st Workshop on Universal Dependencies (2017)
Area chair for syntactic and semantic parsing, 26th International Conference on Computational Linguistics (2016)
Program co-chair and local chair, 3rd International Conference on Dependency Linguistics (2015)
General chair, 5th Swedish Language Technology Conference (2014)
Scientific advisory board member, 25th International Conference on Computational Linguistics (2014)
Area chair for syntax, tagging and parsing, Conference of the North American Chapter of the ACL (2013)
Program chair, International Conference on Parsing Technologies (2011)
Local arrangements chair, 48th Annual Meeting of the ACL (2010)
Program co-chair, 12th Conference of the European Chapter of the ACL (2009)
Organizer, CoNLL shared task on syntactic and semantic dependency parsing (2008–2009)
Program chair, Swedish Language Technology Conference (2008)
Publications co-chair, 46th Annual Meeting of the ACL (2008)
Organizer, CoNLL shared task on multilingual dependency parsing (2007)
Tutorial chair, 45th Annual Meeting of the ACL (2007)
Program chair, 16th Nordic Conference on Computational Linguistics (2007)
Program co-chair, 5th Workshop on Treebanks and Linguistic Theories (2006)
Program co-chair, 3rd Workshop on Treebanks and Linguistic Theories (2004)
Program co-chair and local organizer, 2nd Workshop on Treebanks and Linguistic Theories (2003)

2002– Expert reviewer for 42 academic positions or promotions in Sweden and elsewhere

Wallenberg Academy Fellows (2024)
Professor of natural language processing and machine learning, University of Amsterdam, Netherlands (2024)
Professor of language technology, University of Gothenburg, Sweden (2024)
Professor of language technology, Charles University in Prague, Czech Republic (2024)
Habilitation, University Paris-Sorbonne, France (2024)
Professor of computer science, Technion, Israel (2023)
Associate professor of linguistics, Indiana University, UK (2023)
Associate professor of computer science, Dublin City University, Ireland (2023)
Professor of computer science, University College London, UK (2023)

Professor of computational linguistics, Charles University in Prague, Czech Republic (2023)
Associate professor of computer science, Dublin City University, Ireland (2022)
Professor of computer science, University of Edinburgh, UK (2022)
Associate professor of computer science, University College London, UK (2021)
Associate professor of linguistics, University of California, Davis, USA (2019)
Professor of computational linguistics, Stockholm University, Sweden (2019)
Professor of computer science, Saarland University, Germany (2019)
Assistant professor of computer science, Hebrew University of Jerusalem, Israel (2018)
Professor of computer engineering, Koç University, Turkey (2018)
Assistant professor of digital linguistics, University of Turku, Finland (2017)
Professor of computer science, University of Washington, Seattle WA, USA (2017)
Assistant professor of computational linguistics, Stockholm University, Sweden (2015)
Professor of computer science, University of Jordan, Jordan (2015)
Docent in natural language processing, University of Gothenburg, Sweden (2015)
Professor of language technology, University of Copenhagen, Denmark (2014)
Professor of computer science, Johns Hopkins University, Baltimore MD, USA (2013)
Docent in computer science, Chalmers University of Technology, Gothenburg, Sweden (2013)
Docent in computer science, University of Reykjavik, Iceland (2011)
Professor of language technology, University of Tartu, Estonia (2011)
Professor of computer science, KTH/Stockholm University, Sweden (2011)
Professor of linguistics, University of Bergen, Norway (2010)
Professor of linguistics, Umeå University, Sweden (2009)
Professor of computer science, KTH/Stockholm University, Sweden (2008)
Professor of logic/language technology, University of Oslo, Norway (2006)
Professor language technology, NTNU, Trondheim, Norway (2005)
Senior lecturer in computer science, University of Karlstad, Sweden (2005)
Post-doctoral fellow in computational linguistics, University of Bergen, Norway (2004)
Docent in language technology, University of Helsinki, Finland (2004)
Professor of computational linguistics, University of Bergen, Norway (2004)
Senior lecturer in computer science, University of Karlstad, Sweden (2003)
Docent in interactive technology, University of Tampere, Finland (2003)
Post-doctoral fellow in language technology, University of Gothenburg, Sweden (2002)
Docent in language technology, University of Helsinki, Finland (2002)

2000–   Reviewer for 59 international conferences and workshops (in multiple editions)

Language Technology for Historical and Ancient Languages (2019–)
Workshop on Typology for Polyglot NLP (2018–)
Multilingual Surface Realization Workshop (2018–)
Joint Workshop on Linguistic Annotation, Multiword Expressions and Constructions (LAW-MWE-CxG) (2018–)
Widening NLP Workshop (WiNLP) (2017–)
Universal Dependencies Workshop (UDW) (2017–)
Grammar and Lexicon Workshop (2016)
PARSEME Workshop (2015–2017)
Int. Conference on Intelligent Text Processing and Computational Linguistics (CICLing) (2014–)
Workshop on Deep Language Processing for Quality Applications (2014)
International Conference on Statistical Language and Speech Processing (2013–)
Workshop on Multiword Expressions (MWE) (2013–2017)
Workshop on Syntactic Analysis of Non-Canonical Language (SANCL) (2012–)
Language Technology for Cultural Heritage, Social Sciences, and Humanities (LaTeCH) (2012–)
META-RESEARCH Workshop on Advanced Treebanking at LREC 2012 (2012)
Annual Meeting of the Societas Linguistica Europaea (2012)
International Conference on Dependency Linguistics (DepLing) (2011–)
International Conference on Language and Automata Theory and Applications (LATA) (2011)
Workshop on Annotation and Exploitation of Parallel Corpora (2010)
NLP Tools Contest at ICON (2010)
International Conference on Natural Language Processing (ICON) (2010–)
International Conference on Human Language Technologies – The Baltic Perspective (2010–)
Workshop on Statistical Parsing of Morphologically Rich Languages (SPMRL) (2010–)
Linguistic Annotation Workshop (LAW) (2009–2017)
Swedish Language Technology Conference (SLTC) (2008–)
IEEE International Conference on Semantic Computing (2008)
Scandinavian Conference on Linguistics (2008)
Workshop on Cross-Framework Parser Evaluation (2008)

Conference on Formal Grammar (2007–2008)
European Conference on Artificial Intelligence (ECAI) (2008)
International Conference on Natural Language Processing (XTAL) (2008, 2010, 2014)
Sustainability of Language Resources and Tools for Natural Language Processing (2008)
Workshop on Automatic Syntactic Annotations for Interoperable Language Resources (2008)
International Joint Conference on Natural Language Processing (IJCNLP) (2008, 2013)
ACL Workshop on Deep Linguistic Processing, Prague, Czech Republic (2007)
Conference on Computational Natural Language Learning (CoNLL) (2007–)
European Conference on Machine Learning (ECML) (2007–2009)
International Conference on Parsing Technologies (IWPT) (2007–)
Workshop on Logic, Language and Computation (WoLLIC) (2007)
Conference of the North American Chapter of the ACL (NAACL) (2007–)
International Joint Conference on Artificial Intelligence (IJCAI) (2007, 2013)
Conference on Empirical Methods in Natural Language Processing (EMNLP) (2006–)
International Conference on Computational Linguistics (COLING) (2006–)
Internation Conference on Language Resources and Evaluation (LREC) (2006–)
Annual Workshop of the Swedish Artificial Intelligence Society (SAIS) (2006–2007)
European Summer School on Logic, Language and Information (ESSLLI) (2006)
Conference of the Swedish National Graduate School in Language Technology (GSLT) (2005)
Workshop on Exploring Syntactically Annotated Corpora (2005)
European Conference on Computing and Philosophy (2005)
Annual Meeting of the Association for Computational Linguistics (ACL) (2004–)
Recent Advances in Dependency Grammar, Geneva, Switzerland (2004)
Workshop on Linguistically Interpreted Corpora (LINC) (2004–2005)
Workshop on XML-based Richly Annotated Corpora (2004)
Conference of the European Chapter of the Association for Computational Linguistics (EACL) (2003–)
Nordic Conference on Computational Linguistics (NODALIDA) (2003–)
Workshop on Treebanks and Linguistic Theories (TLT) (2003–)
Corpus Linguistics (2003)
Swedish Treebank Symposium (2002)
Workshop on the Semantics and Pragmatics of Dialogue (2000)

1990–   Reviewer for 23 scientific journals

Cognitive Science (2020)
Proceedings of the National Academy of Science (PNAS) (2019–)
Topics in Linguistics (2019)
Glossa (2018–)
Entropy (2017)
Transactions of Audio, Speech and Language Processing (2017)
Information and Computation (2017–)
Journal of AI & Data Mining (2015)
Transactions on Asian and Low-Resource Language Information Processing (2015–)
Artificial Intelligence (2014)
Transactions on Asian Language Information Processing (2014)
Northern European Journal of Language Technology (2013–)
Transactions of the Association for Computational Linguistics (2012–)
Language Resources and Evaluation (2010–)
Computational Linguistics (2009–)
Journal of Artificial Intelligence Research (2008–)
Software Practice and Experience (2008)
Speech Communication (2007)
Journal of Zhejiang University SCIENCE (2005)
Studia Linguistica (2004, 2024)
Natural Language Engineering (2004, 2015–2017)
Traitement Automatique des Langues (2004)
Nordic Journal of Linguistics (1990–)

Software and Resource Development

2016   United States Patent 9311299

2013–   Universal Dependencies (universaldependencies.org)

2012–	MaltOptimizer (nil.fdi.ucm.es/maltoptimizer/)
2006–2008	Swedish Treebank (https://jnivre.github.io/files/swedish_treebank/)
2005	Talbanken05 (https://jnivre.github.io/files/talbanken05/)
2004–	MaltParser (maltparser.org)