Harald Hammarström

Curriculum Vitae

Personal Details

Full Name	**Harald Daood Hammarström**.
Birthdate	**Born 4th of August 1977 in Västerås, Sweden**.
Nationality	**Sweden**.

Education & Academic Appointments

2017-	**Associate Senior Lecturer: Uppsala University**.
2016-2016	**Senior Researcher: Max Planck Institute for the Science of Human History, Jena**.
2013-2015	**Researcher: Max Planck Institute for Psycholinguistics, Nijmegen**.
2010-2013	**PostDoc:**.
	50% at the Radboud Universiteit Nijmegen.
	50% at the Max Planck Institute for Evolutionary Anthropology, Leipzig.
2005-2009	**PhD Student, Dept. of Comp. Sci., Chalmers University, Gothenburg, Sweden**.
2003-2005	**Project Assistant on a VINNOVA Project, Chalmers University, Gothenburg, Sweden**.
2001-2002	**Computer Science, University of Uppsala, Sweden**.
2001-2001	**Master's Thesis, ILLC, Amsterdam, the Netherlands**.
2000-2001	**Computer Science, University of Uppsala, Sweden**.
1999-2000	**Computer Science, Facultad de Informática, Madrid, Spain**.
1997-1999	**Computer Science, University of Uppsala, Sweden**.
1996-1997	**Computer Science, University of Linköping, Sweden**.
1993-1996	**High School (Natural Sciences focus), Västerås, Sweden**.
1984-1993	**Elementary school, Västerås, Sweden**.

In parallel with the computer science studies 1997-2002, various less-than one semester courses were taken in Philosophy, Economics, Law, Nutrition, Linguistics, and various languages (see table).

Language	Credits or equiv.
Akkadian	15
Ancient Greek	50
Avestan	5
Berber (Rif)	10[a]
Biblical Aramaic	15
Biblical Hebrew	40
Bulgarian	20
Catalan	5
Chinese	5[b]
Classical Arabic	40
Czech	10
Dutch	Fluent[c]
English	Fluent
Estonian	5
Fak-Fak Malay	Fluent[d]
Finnish	15
French	20[e]
Ge'ez	5
German	40[f]
Hindi	40
Hungarian	5

Language	Credits or equiv.
Icelandic	5
Japanese	10[a]
Kurdish (Sorani)	10
Latin	20
Old Church Slavonic	10[b]
Pali	5
Pashto	20
Persian	15
Polish	15
Russian	15
Sanskrit	40
Scottish Gaelic	10
Somali	5[c]
Spanish	Fluent[d]
Sumerian	5
Swahili	20
Swedish	Native
Tamil	40
Turkish	30
Uzbek	5
Wolof	10[e]

[a]1 year course at Colegio Mayor Universitario "Nuestra Señora de Africa", Madrid
[b]At Radboud InTo Languages
[c]3 years in Holland
[d]Vernacular used for fieldwork
[e]3 years in high school
[f]5 years in high school

[a]At Gothenburg University
[b]At Gothenburg University
[c]At Gothenburg University
[d]3 years in high school + 1 year Erasmus stay in Madrid
[e]1 year course at Colegio Mayor Universitario "Nuestra Señora de Africa", Madrid

Linguistic Fieldwork

Language	iso-639-3	Family	Location	Duration
Mor	moq	Isolate	Papua, Indonesia	2+2 months
Dizin	mdx	Dizoid	Ethiopia	2 weeks
Tagoi	tag	Rashad	North Sudan	2 weeks
Goras	erw	Austronesian	Papua, Indonesia	1 week
Otoweri	bzp	South Bird's Head	Papua, Indonesia	1 week
Duvle-Wano Pidgin	-	Duvle-based (Lakes Plain)	Papua, Indonesia	1 week
Fur	fvr	Furan	Ex-situ in Uppsala	6 months (intermittently)

Plus survey work on 10 more languages of Papua, Indonesia.

Conference/workshop Organization

- Assist: SLE Workshop on What is in a morpheme? (2017)
- Chair: Workshop on Capturing Phylogenetic Algorithms for Linguistics (2015)
- Chair: Panel on Hunter-Gatherer Languages in Contact, at CHAGS XI (2015)
- Chair: Workshop on Quantitative Approaches to Areal Linguistics (2012)
- Chair: Workshop on the Classification of Papuan Languages (2012)
- Assist: Swedish conferences in Language Technology (2005, 2005, 2006)
- Assist: Nordic Symposium of African Languages (2007)

- Assist: International Conference on Bantu Languages (2007)
- Assist: 14th Himalayan Linguistic Symposium (2008)
- Assist: GoTAL 6th International Conference on Natural Language Processing (2008)
- Assist: 23rd Scandinavian Conference of Linguistics (2008)
- Assist: Workshop on Language Documentation and Language Description (2008)
- Chair: Workshop on Unsupervised Methods in NLP (2008)
- Chair: Gothenburg Typological Seminars (seminar series 2007-2009)
- Chair: Nijmegen Grammar Group (seminar series 2014-2015)

Teaching

Course	Year(s)	Duration	Institution
Artificial Intelligence	2004, 2005, 2006, 2007, 2008	1/2 semester full time, undergraduate	Chalmers University
Databases	2004, 2005, 2006	1/2 semester full time, undergraduate	Chalmers University
Machine Learning	2007, 2008	1/2 semester full time, undergraduate	Chalmers University
Formal Languages and Automata Theory	2007, 2008	1/2 semester full time, undergraduate	Chalmers University
Language Typology	2007	1/2 semester full time, graduate	Gothenburg University
Languages of the World	2008	1/2 semester full time, undergraduate	Gothenburg University
Field Methods	2012	1 week full-time, undergraduate	UNIPA, Manokwari, Papua, Indonesia
Field Methods	2013	2 week full-time, graduate	University of Khartoum, Sudan
Quantitative Techniques in Field Methods	2014	1 week full-time, late undergraduate/graduate	University of Campinas, Brazil
Quantitative Techniques for Linguistic Diversity	2015	1 week full-time, late undergraduate/graduate	Centro de Investigación y Estudios Superiores en Antropología Social, Mexico
Python Programming	2014, 2015	1 semester half time, graduate	International Max Planck Research Schools, Nijmegen
Eloquent Apes	2015	1 semester half time, graduate	Radboud University, Nijmegen
Quantitative Techniques for Linguistic Diversity	2016	1 week full-time, late undergraduate/graduate	Universidad Católica del Perú, Lima
Quantitative Methods in Linguistic Typology	2016	2 weeks full-time, graduate	ESSLT/TypoLing2016 Summer School, Porquerolles, France
Semantics & Pragmatics	2017	1/2 semester half time, undergraduate	Uppsala University
Language Technology: Research and Dev.	2017	1 semester half time, undergraduate	Uppsala University
Phonetics I	VT2018, HT2018	1/2 semester half time, undergraduate	Uppsala University
Historical Linguistucs	2017, 2018	1/2 semester half time, undergraduate/advanced	Uppsala University
Linguistics II	2017	1/2 semester half time, undergraduate	Uppsala University
Current Trends in Linguistics	2017, 2018	1/2 semester half time, undergraduate	Uppsala University
Languages of the World	2017, 2018	1/2 semester half time, undergraduate	Uppsala University

Supervision of Graduate Students

2012-2016	Co-supervisor: PhD Student Francesca Moro (Radboud University Nijmegen)
2012-2016	Co-supervisor: PhD Student Grégoire Detrez (Chalmers University Nijmegen)
2017-	Co-supervisor: PhD Student Eline Visser (Lund University)
2018-	Main supervisor: PhD Student Maja Robbers (Uppsala University)
2019-	Main supervisor: PhD Student Philipp Rönchen (Uppsala University)

Non-Academic Work Experience

Employer	Location	Duration	Task
Britsoft	Hertford, UK	2 weeks, Summer 1995	Assembly (IBM PC) Programming
ABB Industrial Systems	Västerås, Sweden	10 weeks, Summer 1996	Programming (Python) test tools for shared memory objects
ABB Industrial Systems	Västerås, Sweden	10 weeks, Summer 1997	Programming (Java) monitor tools for shared memory objects
ABB Industrial Systems	Västerås, Sweden	10 weeks, Summer 1998	Programming (C++) test tools for COM Objects
Dept. of Linguistics	Uppsala	10 weeks, 2002	Locating Resources for Computer Assisted Grammar Teaching

Grants

- In high school:
  - Scholarship (not applied for) of US$2900 for skill of mathematics (esp. problem solving), 1996
- As an undergraduate:
  - Scholarship (applied for) of US$3000 for general diligence in studies, 1998
  - Scholarship (applied for) of US$1800 for general diligence in studies, 1999
  - Scholarship (applied for) of US$12000 for general diligence in studies, 2000
- As a PhD Student:
  - Many conference travel grants (2004-2008)
  - Project Grant US$8000 for 'Language Technology for Languages of the Central African Republic' from CLT (2007)
- As a researcher:
  - 2015 PI: NIAS-Lorentz Theme Group Fellowship (salaries for 5 researchers x 3 months) plus a Lorentz Center Workshop (10 000 EUR) ("Capturing Phylogenetic Algorithms for Linguistics")
  - 2017 PI: Marcus and Amalia Wallenberg Foundation Grant 500 000 EUR ("From Dust to Dawn: Multilingual Grammar Extraction from Grammars")
  - 2017 PI: JPICH-ERC Grant 700 000 EUR ("DReaM: The Dictionary/Grammar Reading Machine: Computational Tools for Accessing the World's Linguistic Heritage")

- 2017 co-PI: Marcus and Amalia Wallenberg Foundation Grant 500 000 EUR ("CHRONOS - Chronology of Roots and Nodes of Family Trees")

Commissions of Trust

2018	Programme Committee Member for ComputEL-3: Workshop on computational methods in the study, support, and revitalization of endangered languages
2018	Programme Committee Member for LACompLing2018: Symposium on Logic and Algorithms in Computational Linguistics 2018
2018	Grant Proposal Evaluator for ERC Starting Grants
2017	Programme Committee Member for Workshop on Phylogenetic Methods in Historical Linguistics
2016-	Associate Editor on Language and Linguistics in Melanesia (Journal of the Linguistic Society of Papua New Guinea)
2016	Programme Committee Member for ICON 2016: 13th International Conference on Natural Language Processing
2016	Grant Proposal Evaluator for NIAS
2015	Panel member for the ALT Panini Award
2015-	Associate Editor on Journal of Language Evolution (Oxford University Press Journal)
2014-	Associate Editor on Transactions on Asian and Low-Resource Language Information Processing (ACM Journal)
2014-2017	Grant Proposal Evaluator for ELDP Grants on Endangered Languages
2014	Programme Committee Member for the Workshop Linked Data in Linguistics
2014	Grant Proposal Evaluator for NSF Track on Endangered Languages
2014	Grant Proposal Evaluator for Aarhus Institute of Advanced Studies (AIAS)
2013	Programme Committee Member for the Workshop Linked Data in Linguistics
2012	Programme Committee Member for the Workshop Visualization of Linguistic Patterns and Uncovering Language History from Multilingual Resources
2007-	Reviewing for Nature, Language, Linguistics Typology, Springer, Cambridge University Press, Brill, Pacific Linguistics, International Journal of American Linguistics, Computational Linguistics, Language Dynamics & Change, Oceanic Linguistics, ACL, EACL, EVOLANG and many others

Popular Press

- 2009-01-11: Expressen Söndagsbilaga (the Sunday 'lifestyle' appendix to a tabloid-like national daily) had a 3-page interview with me since I have more university credits than anyone else in Sweden (according to official statistics gathered by them).
- 2010-05-06: The Times science magazine featured an article about numeral systems and number bases based on my work (with due mention of my name) http://www.timesonline.co.uk/tol/news/science/eureka/article7112969.ece.
- 2012-01-11: Frankfurter Allgemeine Zeitung had an article about the Automated Dating of language families based on the Current Anthropology paper. ["Wir wollen also hinabsteigen und dort ihre Sprache verwirren" by Wolfgang Krischke].
- 2013-04-04: Die Zeit Online had an article about the multitude of languages based on the data in Glottolog/LangDoc ["Barbarah Hahn, Christine Zimmermann and Christoph Drösser "Sprachen-Vielfalt"] http://www.zeit.de/2013/15/infografik-sprachen
- 2015-01: The *Max Planck Research: The Science Magazine of the Max Planck Society* has a

short article about the collaboration between Glottolog and DeGruyter publishing (page 9), with links to the `glottolog.org` database curated by me.

○ 2015-01-16: The Dutch online popular science magazine *Kennislink* `http://www.kennislink.nl/publicaties/verslaafd-aan-taalleren` has an article about the wonders of learning languages ("Verslaafd aan Taalleren") featuring me and three colleagues.

○ 2015-01-19: Börsenblatt, an information service for German publishers and booksellers, had an article about open access to bibliographical data in Glottolog ["Bibliografische Daten für Open Access Datenbank Glottolog"] `http://www.boersenblatt.net/862986/`

○ 2016-10-18: Interview on the national Swedish popular science radio show *Vetenskapsradion* `http://sverigesradio.se/sida/artikel.aspx?programid=406&artikel=6518646` ("En näsa är en näsa oavsett språk") about a joint paper on the amount of sound symbolism in the languages of the world. The same article was features in numerous popular press reports including Washington Post `https://www.washingtonpost.com/news/speaking-of-science/wp/2016/09/12/a-nose-by-any-other-name-biology-may-affect-the-way-we-invent-words/`, ABC `http://www.abc.net.au/news/2016-09-13/linguists-discover-humans-have-'universal-langu`/7841134, Scientifi American `http://www.scientificamerican.com/article/r-is-for-red-common-wor` Nature News & Views `http://www.nature.com/nature/journal/vaop/ncurrent/full/nature20474.html?WT.mc_id=TWT_newsandviews`, see `https://pnas.altmetric.com/details/11966153/news` for a fuller list.

○ 2017-06-26: The Geographical Magazine featured an article about the Glottolog map and language inventory facilities `http://geographical.co.uk/places/mapping/item/2255-speaking-out`.