

Curriculum Vitae – English

Robert Eklund Associate Professor (Biträdande Professor) in Language, Culture and Phonetics
Associate Professor (Docent; Habilitation) in Computational Linguistics
Doctor of Philosophy (PhD) in Computational Linguistics
Master's Degree (MA) in Musicology
Bachelor's Degree (BA) in Speech Technology/Computational Linguistics

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01 Contact

Professional address (position)

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02 Exams

Associate Professor (Docent/Habilitation) **Linköping University, Sweden**
Computational Linguistics (17 November 2009)
Qualifying lecture given 6 November 2009

Doctor of Philosophy **Linköping University, Sweden**
Computational Linguistics (17 February 2005)
PhD thesis defended 4 June 2004

Master of Arts **Stockholm University, Sweden**
Musicology (15 May 1997)
Master's degree thesis presented 1991

Bachelor of Arts **Stockholm University, Sweden**
Speech Technology/Computational Linguistics (10 August 1994)
Bachelor's degree thesis in Computational Linguistics presented 1993
Bachelor's degree thesis in Speech Technology presented 1992

03 Work experience

Period	Employer	Work description
2019–	Linköping University Department of Culture and Society Division of Communication, Literature and Swedish (1 January 2019 – present)	Associate Professor (Biträdande Professor) in Language, Culture and Phonetics
2017–2018	Linköping University Department of Culture and Communication Division of Language and Culture (1 March 2017 – 31 December 2018)	Associate Professor (Biträdande Professor) in Language, Culture and Phonetics
2012–2017	Linköping University Department of Culture and Communication Division of Language and Culture (1 April 2012 – 28 February 2017)	University Lecturer in Language, Culture and Phonetics
2009–	Linköping University Dept. of Computer Science (17 November 2009 – present)	Associate Professor (Docent; Reader/Habilitation) in Computational Linguistics
2009–2012	Stockholm Brain Institute / Karolinska Institute Cognitive Neurophysiology MR-Research Center Dept. of Clinical Neuroscience Karolinska University Hospital (1 May 2009 – 1 April 2012)	Affiliated Researcher (part-time 20%) (neurocognitive studies of disfluency perception; fMRI/EEG)
2008–2012	Voice Provider (1 March 2008 – 31 March 2012)	Speech Technology Expert (dialog design, quality control, translation, language proofing, prompt recording, voice coaching, sound file processing etc)
2006–2009	Stockholm Brain Institute / Karolinska Institute Cognitive Neurophysiology MR-Research Center Dept. of Clinical Neuroscience Karolinska University Hospital (15 March 2006 – 30 April 2009)	Postdoc programme [Part-time position] (neurocognitive studies, fMRI)

2005–2006	International Computer Science Institute (ICSI), Berkeley, CA (15 Aug 2005 – 31 Jan 2006)	Postdoc programme on an AMI grant On leave from TeliaSonera. (Meeting analysis)
1995–2008	TeliaSonera Sweden* (1 Jan 1995 – 29 Feb 2008) *Several name changes	Speech Technologist (speech synthesis, speech recognition, machine translation, facial animation, dialogue systems, disfluency modeling, automatic call routing)
1994–1995	Telia Research AB (1 Jun 1994 – 14 Feb 1995)	Speech synthesis (consultant)
1993–1994	Stockholm University Institutionen för lingvistik (1 Jul 1993 – 31 Dec 1994)	Amanuensis, General Linguistics (teaching, tutoring, administration)
1993	Infovox AB (14 Jun 1993 – 6 Aug 1993)	Parsing, speech synthesis
1987–	Freelance	Musician (soloist, ensemble, accompanying, recording)
1985–1993	Farsta Hospital	Nurse's Aide (1990–1993 night watch)
1985–1991	Haninge Community Music School	Substitute teacher (piano, guitar, theory)
1985	Haninge Kommun	Substitute teacher (various levels)
1982–1985	AFA (Insurance company)	Labour market insurance handling
1981–1982	Förenade Liv (Insurance company)	Word processing
1977–1981	Folksam (Insurance company)	Registration, archive work (summer job; five summers)
1977–1978	Ribbyskolan	Astronomy teacher (supplementary course program)

04 Volunteering experience

Period	Organization	Work description
2013	N/a'an ku sê Foundation Windhoek, Namibia (7–27 Dec 2013)	Wildlife Conservation Recordings of wild cheetahs and African wild dogs, vocalizations research
2011	N/a'an ku sê Foundation Windhoek, Namibia (2–22 Dec 2011)	Wildlife Conservation Rehabilitation of wild animals (cheetahs, leopards), mammal vocalizations research, feeding, enclosure maintenance, exercising, boundary patrols, antipoaching
2010	Antelope Park Gweru, Zimbabwe (22 Nov – 5 Dec 2010)	Wildlife Conservation Lion Breeding and Release Program, Volunteer Work; lion feeding/exercising, enclosure cleaning, work with elephants and horses
2009	Dell Cheetah Centre Parys, South Africa (16 Nov – 13 Dec 2009)	Wildlife Conservation Volunteer work: cheetah breeding enclosure maintenance, run training of cheetahs, feeding, preparation of food and feeding, etc
2008	Amakhala Game Reserve Paterson, South Africa (3 Nov – 1 Dec 2008)	Wildlife Conservation Volunteer work: predator behavior and tracking (mainly lions), game counts, anti-poaching patrols, reserve maintenance, work at the Paterson orphanage, etc

05 Education**05.01 Courses (selected)**

Period	Course contents / credits	Institute
2019	Zoom (17 December 2019)	Didacticum (formerly CUL), Linköping University, Sweden
2016	<i>Fördjupning i problembaserat lärande – handledning av heterogena grupper</i> [Advanced PBL supervision – supervising heterogeneous groups] (February – March 2014) [Not completed]	Didacticum (formerly CUL), Linköping University, Sweden
2014	<i>Introduction to PBL and base group supervision</i> [Problem Based Learning] (February – March 2014)	Centrum för Undervisning och Lärande (CUL) [Center for Teaching and Learning] Linköping University, Sweden
2012	<i>Designing, Evaluating and Organizing Learning (DUO)</i> (March – September 2012)	Centrum för Undervisning och Lärande (CUL) [Center for Teaching and Learning] Linköping University, Sweden
2011	<i>Adult education certification</i> (9 May 2011)	Sensus Stockholm, Sweden
2011	<i>Adult education pedagogics</i> Basic leader education (Certificate 28 April 2011)	Sensus Stockholm, Sweden
2011	<i>Project Management</i> Project planning, risk management, leadership, duration/work estimation, scheduling, resource optimization, change management etc. (15–18 Feb 2011)	Learning Tree Stockholm, Sweden
2008	University Pedagogics Supervision in Doctoral Studies (Spring 2008)	Centrum för Undervisning och Lärande (CUL) [Center for Teaching and Learning] Linköping University, Sweden
2007	Toolkit of Cognitive Neuroscience: Basic course in ERP, MEG, fMRI, PET and TMS data analysis (25–29 June 2007)	F.C. Donders Centre for Cognitive Neuroimaging Nijmegen, The Netherlands
2007	Toolkit of Cognitive Neuroscience: Advanced course in fMRI data analysis (14–16 May 2007)	F.C. Donders Centre for Cognitive Neuroimaging Nijmegen, The Netherlands
2006	“Driver’s License” in fMRI scanning	Karolinska Institute Department of Clinical Neuroscience MR-Research Centre, Stockholm, Sweden
1999–2003	PhD Student in Computational Linguistics (1 Sep 1999–31 Dec 2003)	Natural Language Processing Laboratory Linköping University, Sweden
2000	Variance analysis, ANOVA etc. (27–28 Sep 2000)	SPSS-Institute Stockholm, Sweden
1999	Data collection, description, description, analysis etc (8–10 June 1999)	SPSS-Institute Stockholm, Sweden
1998	Unix Systems Administration System states, user administration, process handling, terminals etc (28–30 September 1998)	ENEA Data Stockholm, Sweden
1998	Perl Scalars, lists, associative variables, functions, regular expressions etc (6–7 April 1998)	ENEA Data Stockholm, Sweden

1995	Unix Advanced Regular expressions, filters, shell programming, awk, make, etc (24–28 April 1995)	ENEA Data Stockholm, Sweden
1994	Introductory course in practical university pedagogics (Spring semester 1994)	Department of Education Stockholm University, Sweden
1994–1999	PhD Student in Computational Linguistics (13 June 1994 – 30 Sep 1999) Qualified for PhD studies in Phonetics	Institute of Linguistics Stockholm University, Sweden
1990–1993	General Linguistics (20p) Speech Technology (40p) Computational Linguistics (50p)	Institute of Linguistics Stockholm University, Sweden
1992–1993	Nordic Languages (13p) (Old Icelandic, Old Swedish)	Department of Nordic Languages Stockholm University, Sweden
1991–1992	Russian (16p) (Basic Course)	Department of Russian Stockholm University, Sweden
1984–1991	Musicology (80p) Qualified for PhD studies	Department of Musicology Stockholm University, Sweden
1988–1989	<i>Cours de Civilisation Française de la Sorbonne</i> (French language and culture)	Sorbonne Paris, France
1986–1987	<i>Early Music Course</i> (Renaissance and Baroque lute, voice, viol)	Royal College of Music, London. England
1986	Basic nursing course (10 weeks, April – Juni 1986)	Rudanskolan Haninge, Sweden
1978–1981	Arts Program (Corresp. High School)	Fredrika Bremerskolan Handen (Haninge Centrum), Sweden

05.02 Summer schools

Summer school	Course description
ESSLLI '97 <i>European Summer School of Logic, Language and Information</i> Aix-en-Provence, France, 11–22 Aug 1997	Language and logic, computational methods, semantics, programming
NORFA '94 <i>Computational Semantics and Computation</i> Bergen, Norway, 12–16 April 1994	Computational and lexical semantics, formal semantics, machine translation
ELSNET '93 <i>ELSNET Summer School on Prosody</i> Integration of Speech and Natural Language through Prosody, London, England, 12–23 July 1993	Prosody, grammar formalisms, speech applications, computational semantics, discourse, morphology, transcription and annotation
Ringve 1985 <i>The Ringve Museum International Summer Course</i> Trondheim, Norway, 3–11 August 1985	Lute lessons, figured bass playing (basso continuo), ensemble, delivery
Liten gitarrakademi <i>Swedish Guitar and Lute Society Summer School</i> Ingesund, Sweden, 1–5 July 1985	Lute lessons, figured bass (basso continuo)

06 Research

My main research activities over the years are listed and described below. Open, still ongoing, activities are listed first whereas no longer active projects are listed below. Within these two main categories all projects are listed according to start year for the activities, with the most recent ones listed first (i.e. "First In, Last Out", *LIFO*). More information, e.g. sound files (radio interviews etc) and other documentation, can be found on my homepage, on the **Research** page. Results and published work can be found on the **Publications** page.

06.01 Overtone singing (2019–ongoing)

Since the beginning in 2019 I also collaborate with **Anna-Maria Hefele**, world famous "polyphonic" overtone singer, and **Anita McAllister** (see Kulning) on overtone singing, both from an acoustic perspective but also how you can work with overtone singing as a pedagogical tool when teaching phonetic and acoustic analysis. See paper [98].

<https://anna-maria-hefele.com/>

https://en.wikipedia.org/wiki/Anna-Maria_Hefele

<https://www.youtube.com/watch?v=UHTF1-IhuC0>

<https://www.sygyt.com/en/>

06.02 Melody in Human–Cat Communication, Meowsic (2016–ongoing)

In December 2015, *Stiftelsen Marcus and Amalia Wallenbergs Minnesfond* awarded 4 MSEK to our project proposal **Melody in human–cat communication (Meowsic)**; see:

<http://vr.humlab.lu.se/projects/meowsic>

Dr Susanne Schötz of Lund University was the main force behind this application and is the project lead, with me and **Dr Joost Van de Weijer**, Lund University, as co-applicants. The project started up in September 2016, and has already received enormous media attention worldwide; see paragraph *16 Media appearances* and the **Research page** for more information, sound files of e.g. radio interviews etc. For more information on media coverage, project presentations and so on, see:

<http://vr.humlab.lu.se/projects/meowsic/thanks>

In 2021 Susanne Schötz, Joost van de Weijer and myself received the **Ig Nobel Prize in Biology** for this work; see:

<https://www.improbable.com/2021/09/09/announcing-the-2021-ig-nobel-prize-winners/>

06.03 Kulning, Swedish cattle calls (2012–ongoing)

Since 2012 I have started to study the acoustics of kulning (Swedish cattle calls). The work is done in collaboration with the speech–language pathologist (SLP) **Anita McAllister** and the kulning singers **Fanny Pehrson** (also an SLP) and singer **Kajsa Dahlström**. During 2015 we augmented our studies to include **Anne-Maria Laukkanen**, University of Tampere, and **Ahmed Geneid**, Helsinki University. Together we have combined acoustic, EGG and high-speed photography studies of kulning, and in 2017 MRI studies were performed at Oulu University, Finland.

06.04 Cheetah and African Wild Dog vocalizations (2011–ongoing)

In December 2013 I recorded wild cheetahs and African wild dogs at *N/a'an ku sê Foundation* in Namibia, see:

<http://naankuse.com>

The project is officially sanctioned by the Namibian Government and is carried out in collaboration with the (then) local head of research **Dr Florian Weise**. We are presently in the phase of organizing and classifying our collected data.

06.05 Cheetah purring and other felid vocalizations (2009–ongoing)

Since felid purring occurs on an alternating egressive (exhalation) and ingressive (inhalation) airstream, it is related to my research on ingressive speech and phonation, which led to several new projects and activities.

During the winter of 2009 I had the opportunity to make one of the best recordings ever of cheetah purring at the *Dell Cheetah Centre* in South Africa, and initiated collaboration with **Dr Gustav Peters** at *Forschungsmuseum Alexander Koenig* in Bonn, Germany, with a paper (in 2009) that also included cheetah breeder **Elizabeth D. Duthie** as co-author. Since felid purring is a surprisingly understudied field, Dr Peters and I decided to undertake an ambitious goal of obtaining as many high-quality recordings of felid purring as possible in order to study the acoustic correlates of this particular phenomenon, and during subsequent travels to South Africa and Namibia I made more recordings of purring cheetahs, and have published several papers based on those recordings.

I have also registered the domain <http://purring.org> where I have made available sound files, film clips, spectrograms and waveforms of the data we have analyzed. The website also includes an extensive biography on felid purring.

06.06 Ingressive speech and phonation (2000–ongoing)

Since the end of 2000 I have been interested in ingressive speech, i.e. speech produced on a pulmonic ingressive (inhalation) airstream. So far, this research has resulted in a number of conference papers and a major journal review paper [49]. To summarize my findings, I show that – very much contrary to popular belief – ingressive speech is not "typically Swedish", but is instead found all over the world, in taxonomically different languages, with basically the same (paralinguistic) linguistic function, and that it consequently might even constitute a neglected linguistic universal.

I also maintain a website devoted to ingressive speech, which is constantly updated with new information:

<http://ingressivespeech.info/>

I have also initiated research on pulmonic **ingressive phonation in mammals**, in collaboration with **Dr Gustav Peters** and primatologist **Marina Davila-Ross** at University of Portsmouth, United Kingdom. (This project, however, is on hiatus.)

06.07 Disfluency in spontaneous speech (1997–ongoing)

My PhD work focused on the study of *disfluencies* – i.e. phenomena like hesitation sounds like “eh”, prolonged sounds, word fragments, pauses, recapitulations etc – in spontaneous speech. The studies were encouraged and funded by Telia Research and was partly carried out in order to obtain more robust speech and language models for improved speech recognition and understanding (see 06.15 Automatic speech recognition below).

Beginning in 1999 (at University of California at Berkeley) a series of international workshops devoted to non-pathological disfluency have been organized, the so-called **DiSS workshops**, for *Disfluency in Spontaneous Speech*.

In September 2003, I organized **DiSS 2003** in Göteborg (Sweden), with the help of **Åsa Wengelin** and Professor **Jens Allwood**.

In August 2013, I organized **DiSS 2013** in Stockholm, in collaboration with **Jens Edlund**, **Joakim Gustafson** and **Sofia Strömbergsson**, all at the *Royal Institute of Technology (KTH)*, Stockholm, Sweden.

In August 2017, I organized **DiSS 2017** in Stockholm, in collaboration with **Robin Lickley**, **Jens Edlund**, **Joakim Gustafson** and **Ralph Rose**. Note that the DiSS 2017 workshop website contains the proceedings of all previous workshops (DiSS 2015 proceedings are still pending); mirror website here: <http://roberteklund.info/conferences/diss2017/>

I was also involved in the organizing of the following DiSS workshops:

DiSS 2001, 29–31 August 2001, Edinburgh, Scotland (website design).

DiSS 2005, 10–12 September 2005, Aix-en-Provence, France (Programme Committee).

DiSS-LPSS 2010, 36–26 September 2010, Tokyo, Japan (Programme and Organizing Committees).

DiSS 2019, 12–13 September 2019, Budapest, Hungary (Organizing and Scientific Committees).

DiSS 2021, 25–26 August 2021, Paris, France (online) (Organizing and Scientific Committees).

06.08 Musicology (1988–ongoing)

I have intermittently returned to musicology since I commenced my studies within the field in 1984 (with a first publication in 1988). For the moment I am working on an invited journal paper based on my MA thesis. This work is carried out in collaboration with internationally renowned lutenist **Jakob Lindberg**, who was also my lute teacher at the *Royal College of Music* in London (1986–1987).

06.09 Felid larynx postmortems (2013–2016)

During the period 2013 through 2016 I collaborated with **Dr Andrew Kitchener** and **Georg Hantke**, *National Museums Scotland*, at Edinburgh. Together we worked on performing post mortems of the larynxes (and related other anatomy) of all species of felid available – which could eventually be all 37 (or so) species. The goal of this project is that by matching the physiology of the felids and their vocalizations, we hope to be able to explain the long-known difference between cats that either roar (tigers, lions, jaguars, leopards) or purr (all the others, possibly except the snow leopard). This project is now on hiatus.

06.10 Lion roaring (2009–ongoing)

I have also conducted research on lion roars, in collaboration with **Dr Gustav Peters**, **Evans Mabiza** then at *Antelope Park* in Gweru, Zimbabwe and **Ananthakrishan** at the *Royal Institute of Technology (KTH)*, Stockholm, Sweden, with the kind assistance of **Jennie Westander** then at *Parken Zoo* in Eskilstuna, Sweden.

06.11 Neurocognitive correlates of disfluency (fMRI and EEG) (2005–2016)

During the period March 2006 through March 2012 I pursued research at *Karolinska Institutet/Stockholm Brain Institute* (during the period March 2006 through April 2009 as a postdoc, and from May 2009 through March 2012 as an affiliated researcher), where I studied neurocognitive correlates of disfluency in the perception of natural speech. The work was supervised by **Professor Martin Ingvar**.

I received an fMRI “scanning licence” (at Karolinska Institute) during the summer of 2006, and have also taken both the Basic and Advanced Course in Cognitive Neuroimaging at the **F.C. Donders Centre for Cognitive Neuroimaging** in Nijmegen, The Netherlands (during Spring and Summer of 2007).

Given legal problems with regard to data ownership (I left Telia in 2008) this study was very much delayed, but our results were finally officially published in 2016, in publication [081].

Although the work focused on fMRI scanning, but EEG studies were run in parallel with **Francisco Lacerda** and **Iris-Corinna Schwarz** at **Stockholm University**.

06.12 Meeting speech importance analysis (2005–2006)

During my postdoctoral studies at the *International Computer Science Institute (ICSI)* in Berkeley, California, I collaborated with **Professor Rebecca Bates**, **Elizabeth Willingham** and **Chad Kuyper** at *Mankato University*, Minnesota, where we attempted an alternative approach to analysis of meetings which aimed at developing and test a taxonomy for “importance”, i.e. stretches of speech in meetings that labelers consider important without being given any detailed instructions or definitions. We explored three types of importance in meetings: *content* (topic related), *social interaction*, and *meeting flow* and asked whether labelers consistently annotated regions as belonging to both the same type of importance and the same level of importance, and compared the results of this importance labeling with group interaction labeling as carried out at Mankato University. The work was supported by a grant from the *European Union AMI* (Augmented Multiparty Interaction).

06.13 Automatic call routing and dialog design (2004–2007)

After having finished my thesis, I worked on a pilot project on automatization of the *TeliaSonera* call center customer service (90 200), i.e. to allow incalling customers to use free speech to describe their business, rather than being greeted with a typical menu-based tree-structure (e.g., "For *X*, say *Y*"). After a continuation of the pilot project, a free-speech call center customer service was deployed in 2006. During the pilot, we developed a novel extension to the traditional Wizard-of-Oz methodology (to collect data), which included what we call a "Prompt Piano", described in publication [047].

06.14 Language typology (field work) (1998–2001; revived in 2018)

Starting a hobby project, I have also studied the language spoken in the village of **Lakurumau**, New Ireland, Papua New Guinea. So far, I have visited the village twice, and I would really like to return in the future. As part of those activities, I also learnt and studied **Tok Pisin**, and collected data used in my disfluency studies. Thanks to a recent contact with **Lidia Mazzitelli**, who is presently studying this language, this activity is now revived.

06.15 Xenophones (1996–2009)

During the years 1996–2000, me and my colleague **Anders Lindström** did research on so called *xenophones* i.e. "foreign" speech sounds in Swedish, such as the "lisp" sound in English names/words like "Thatcher" ("dental fricatives" in phonetic jargon). These sounds are normally not included in descriptions of Swedish, but are nevertheless used by most Swedes in normal Swedish conversation and consequently need consideration in the development of both speech synthesizers and speech recognizers.

The research has been presented in a number of articles that describe to what degree Swedish speakers have incorporated such sounds into their Swedish phone inventory, and the observations have served as the basis for an expanded polyphone material for a Swedish speech synthesizer.

The term "xenophone" was introduced in 1998 (in publication [024]) and has gained ground and has been frequently used in papers dealing with the same phenomenon in other languages, and is now also about to be included in a major, international encyclopedia, published by SAGE in 2019; publication [095].

06.16 Machine translation (1995–2001)

Within the **The Spoken Language Translator**, I mainly worked with the development of a Swedish grammar using the formalism **The Core Language Engine**. I also worked with transfer rule writing between Swedish, English and French, as well as with evaluation of system-generated translations. New approaches to evaluation were developed within the project. The machine translation work was carried out in collaboration with *SRI International*, Cambridge, England.

06.17 Automatic speech recognition (ASR) (1995–2001)

Within the **Spoken Language Translator** project, I was responsible for the generation of phonetically and phonologically balanced training material for Swedish, as well as for deciding which Swedish dialects we needed to record/cover. The speech recognition work was carried out in collaboration with *SRI International*, Menlo Park, California, and served as the basis for the Swedish speech recognizer now offered by **Nuance** (www.nuance.com).

06.18 Speech synthesis (1994–1995)

During the period 1994–1995 I was hired by **Telia Research** to develop the first concatenative speech synthesizer for Swedish. The work included generation of all possible Swedish demisyllables (polyphones) and recording of these, as well as evaluation of the results. The research part focused primarily on what phonetic and phonological processes are crucial within the framework of concatenative synthesis.

07 Publications and bibliography

My scientific output is listed below, broken down for published and unpublished work, as well as for teaching material.

07.01 Published

- [105] Ikävalko, Tero, Anne-Maria Laukkanen, Anita McAllister, Robert Eklund, Eveliina Lammentausta, Mari Leppävuori, Miika T. Nieminen. **In Press.**
Three Professional Singers' Vocal Tract Dimensions in Operatic Singing, Kulning, and Edge—A Multiple Case Study Examining Loud Singing.
Journal of Voice. Published online: March 08, 2022 DOI: <https://doi.org/10.1016/j.jvoice.2022.01.024>
- [104] Rose, Ralph & Robert Eklund (eds.). **In Press.**
Proceedings of DiSS 2021, The 10th Workshop on Disfluency in Spontaneous Speech
25–26 August 2021, Université Paris 8 Vincennes - Saint-Denis, France. ISBN XXX-XXX-XXX-XXX-X, DOI:XXX
- [103] Schötz, Susanne, Joost van de Weijer & Robert Eklund. 2024.
Context effects on duration, fundamental frequency, and intonation in human-directed domestic cat meows
Applied Animal Behaviour Science, volume 270, 106146
- [102] Schettino, Loredana & Robert Eklund. 2023. **Prolongation in Italian.**
Proceedings of DiSS 2023, The 11th Workshop on Disfluency in Spontaneous Speech
28–30 August 2023, Universität Bielefeld, Germany, DOI:10.21437/DiSS.2023-17, pp. 81–85.
- [101] Silber-Varod, Vered, Mária Gósy & Robert Eklund. 2019.
Segment Prolongation in Hebrew
In: Rose, Ralph & Robe *Proceedings of DiSS 2019, The 9th Workshop on Disfluency in Spontaneous Speech*, 12–13 September 2019, ELTE Eötvös Loránd University, Budapest, Hungary. ISBN 978-963-489-063-8, DOI: 10.21437/DiSS.2023-17, pp. 81–85.
- [100] Rose, Ralph & Robert Eklund (eds.). 2019.
Proceedings of DiSS 2019, The 9th Workshop on Disfluency in Spontaneous Speech
12–13 September 2019, ELTE Eötvös Loránd University, Budapest, Hungary. ISBN 978-963-489-063-8, DOI: 10.21862/diss-09
- [099] Schötz, Susanne, Joost van de Weijer & Robert Eklund. 2019.
Melody Matters: An Acoustic Study of Domestic Cat Meows in Six Contexts and Four Mental States
In: Angela Dassow, Ricard Marxer, Roger K. Moore & Dan Stowell (eds.), *Proceedings of VIHAR 2019, the 2nd International Workshop on Vocal Interactivity in-and-between Humans, Animals and Robots*, 29–30 August 2019, London, England. ISBN 978-2-9562029-1-2, pp. 29–34.
- [098] Hefele, Anna-Maria, Robert Eklund & Anita McAllister. 2019.
Polyphonic Overtone Singing: an acoustic and physiological (MRI) analysis and a first-person description of a unique mode of singing
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Spoken Language Translator: Phase Two Report.
Technical Report, Telia Research and SRI International.
I contributed to the following chapters:
ch. 1: *Introduction*, pp. 1–14;
ch. 2: *Language Data Acquisition*, pp. 15–24;
ch. 3: *Speech Data Acquisition*, pp. 25–35;
ch. 4: *Speech Recognition*, pp. 36–59;
ch. 7: *Acquisition of Linguistic Knowledge*, pp. 88–102;
ch. 10: *Swedish Coverage*, pp. 138–144;
ch. 13: *Transfer Coverage*, pp. 175–197;
App. B: *SLT in the Media*, pp. 251–256.
- [017] Sautermeister, Per & Robert Eklund. 1997.
Some Observations on the Influence of F0 and Duration to the Perception of Prominence by Swedish Listeners.
Proceedings of Fonetik '97, PHONUM, Reports from the Department of Phonetics Umeå University, No. 4, 28–30 May 1997, pp. 121–124.
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What is Invariant and What is Optional in the Realization of a FOCUSED Word? A Cross-Dialectal Study of Swedish Sentences with Moving Focus.
Proceedings of ICSLP 96, Philadelphia, October 3–6 1996, University of Delaware and Alfred I. duPont Institute, vol.3, pp. 1517–1520.
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Approaches to Gathering Realistic Training Data for Speech Translation Systems.
Proceedings of IVTTA – 1996 IEEE Third Workshop, Interactive Voice Technology for Telecommunications Applications, September 30 – October 1 1996, Basking Ridge, New Jersey, pp. 97–100.

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Pronunciation in an internationalized society: A multi-dimensional problem considered.
FONETIK 96, Swedish Phonetics Conference, Nässlingen, 29–31 May, 1996.
TMH-QPSR 2/1996, pp. 123–126.
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A Comparative Study of Focus Realisation in Three Swedish Dialects.
The Journal of the Acoustical Society of America, Vol. 99, No. 4, Pt. 2, April 1996, p. 2492. Poster presented at the 131st Meeting of the Acoustical Society of America, Indianapolis, IN, USA, 13–17 May 1996.
- [012] Eklund, Robert & Bertil Lyberg. 1995.
Inclusion of a prosodic module in spoken language translation.
The Journal of the Acoustical Society of America, Vol. 98, No 5, Pt. 2, November 1995, pp. 2894–2895. Poster presented at the 130th Meeting of the Acoustical Society of America, Saint Louis, MI, USA, 27 November – 1 December 1995.
- [011] Lyberg, Bertil & Robert Eklund. 1995.
The Possible Use of Prosody in Spoken Language Translation Systems.
TELECOM 95, 3–11 October 1995, Palexpo, Geneva, Switzerland, vol. 1, pp. 9–13.
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NODALIDA '93 – Proceedings of '9:e Nordiska Datalingvistikdagarna',
Stockholm, 3–5 June 1993. Stockholms Universitet. ISBN 91-7153-262-5.
- [009] Eklund, Robert. 1994.
A Probabilistic Tagging Module Based on Surface Pattern Matching.
In: Robert Eklund (red.) *NODaLIDA '93 – Proceedings of '9:e Nordiska Datalingvistikdagarna'*, 3–5 June 1993, Stockholms Universitet, ISBN 91-7153-262-5, pp. 83–95.
- [008] Eklund, Robert. 1994.
Strategier för inslussning i nya sätt att tänka och arbeta.
In: Britt Rönnbäck (red.): *Vad gör vi för att förbättra kvalitén på utbildningen? Dokumentation från campuskonferens vid Stockholms universitet 15 november 1994*, Dept. of Pedagogics, Stockholms Universitet, pp. 13–14.
- [007] Eklund, Robert & Janne Lindberg. 1993.
An Algorithm for End-of-Sentence Detection in Text.
Technical report. Infovox AB, Text-to-Speech Division, Stockholm.
- [006] Eklund, Robert. 1993.
Musikens charlatan: en historik över lutan.
Tidskrift för Tidig Musik, nr 4, årgång 14, Uppsala, pp. 5–13.
- [005] Eklund, Robert. 1992.
Silvius Leopold Weiss und seine Zeit: en rapport från den första internationella lutkongressen i Freiburg 8–13 september 1992.
Tidsskrift För Tidig Musik, 1992, 14:4, pp. 15–17.
Även som: **Weiss och hans samtid**, *Gitarr och luta*, 1992, 25:4, pp. 23–26.
- [004] Eklund, Robert. 1991.
UUB 20:13 – A Contextual Analysis of a Lute Manuscript.
Svensk Tidskrift för Musikforskning, vol. 71, 1991, Göteborg 1992, (Abstract of [iii].), p. 122.
- [003] Eklund, Robert. 1990.
Frighetidens svenska lutenister – fanns dom?
Musikologen – Musikvetenskaplig bulletin, Dept. of Musicology, Stockholms Universitet, pp. 65–67.
- [002] Eklund, Robert & Mathias Thiel. 1988.
The Instructions of Johann Christian Beyer.
THE LUTE, vol. XXVIII, ISSN 0952-0759, pp. 34–46.
- [001] Eklund, Robert. 1986.
På barockmusikkurs i Trondheim, sommaren 1985.
Tidskrift för Tidig Musik, nr 1, årgång 8, Uppsala, pp. 23–24.

07.02 Unpublished

- [iix] Eklund, Robert. 1996 (latest edition).
En introduktion till programmering i prolog.
[An introduction to prolog programming.]
Course compendium (116 pages). Dept. of Linguistics, Stockholm University.
- [vii] Eklund, Robert. 1996.
Derek Bickerton's Bioprogram: A Proposal and Its Critics.
Course paper (25 pages).
- [vi] Eklund, Robert. 1995 (latest edition).
Programmeringsspråket Prolog.
[The Programming Language Prolog.]
Introductory lecture on programming languages in general and prolog in particular (7 pages). Dept. of Linguistics, Stockholm University.
- [v] Eklund, Robert. 1993.
A Probabilistic Tagging Module Based on Surface Pattern Matching.
Bachelor's Degree paper in Computational Linguistics (94 pages). Institute of Linguistics, Dept. of Computational Linguistics, Stockholm University.

- [iv] Eklund, Robert & Helén Kåselöv. 1992.
Några observationer rörande akustiskt korrelerat till restriktiv bisats.
Bachelor's Degree paper in Speech Technology (53 pages). Institute of Linguistics, Stockholm University and internal report, Swedish Telecom.
- [iii] Eklund, Robert. 1991.
UUB 20:13 – A Contextual Analysis of a Lute Manuscript.
Master's Degree paper in Musicology (118 pages).
Supplementary book: **Tablature, Transcription, Concordances**. (124 pages.)
Dept. of Musicology, Stockholm University.
Abstract published in Svensk Tidskrift för Musikforskning, vol. 71, 1991, Göteborg 1992, p. 122, see [4].
- [ii] Eklund, Robert, Qina Hermansson & Janne "Beb" Lindberg. 1990.
Undersökning av reaktioner på förnamn.
[An Investigation of Reactions to First Names.]
Course paper (25 pages). Institute of Linguistics, Stockholm University.
- [i] Eklund, Robert. 1990.
En introduktion i editionsteknik.
[An introduction to editing.]
Course paper (39 pages). Dept. of Musicology, Stockholm University.

07.03 Teaching material

The following works are used in teaching and can be downloaded from my homepage.

Acoustics: Crib Sheet

(6 pages)

Språkteknologi – en introduktion

[Speech Technology – An introduction] (80 pages).

Automatisk översättning – en introduktion

[Machine Translation – An introduction] (30 pages).

Lathund till syntaktisk analys

[Crib sheet for syntactic analysis] (3 pages)

Lathund till relationen mellan kategorier och funktioner

[The relation between categories and functions] (2 pages)

Olika slags motsatser

[Different kinds of opposites] (1 page)

Kortkompendium om morfologisk analys

[Short compendium on morphological analysis] (5 pages)

Prosodi i L2-inläring

[Prosody in Second Language Acquisition] (10 pages)

08 Teaching experience**08.01 Courses (selected)**

Course name	Level / hours	Course description
Swedish Language	Individual course	Scientific method Introduction to linguistics What is language? Syntax Semantics Statistical analysis Scientific writing ... etc
Personality and communication of cats	Individual course	Course on felids with focus on domestic cats, their place in the felid family, their vocalizations etc. Started spring semester 2019; campus and distance course.
Sundry courses (Swedish Language, Teacher Programme)	Programmes/individual courses	Teaching areas covered: Phonetics Acoustic Analysis Phonology Speech Production Disfluency Statistics Scientific method ... etc
Speech & Language Pathology Programme, Linköping University	Four-year programme	Teaching areas covered: Phonetics (main area) Acoustic Analysis (main area) Phonology Audiology Speech Production Disfluency Hearing (cross-species) Statistics Scientific method Research method Perception Memory Writing Singing ... etc.
Scientific Writing and Research Ethics	Third-year speech therapy students (4 hours)	Speech Therapy Program, BA/MA thesis preparatory lecture
HEL1 (Health, Ethics, Learning)	Introductory Problem-Based Learning course; First-semester students, Linköping University (c. 80 hours, seminars, supervision, examination)	Basegroup supervision. Introduction to health, ethics and learning aspects of medical studies at Linköping University/University Hospital, Linköping, Sweden
Linguistic Anthropology	Master's Programme in Language & Culture in Europe, Department of Culture and Communication Linköpings University (18 hours of seminars etc)	Linguistic anthropology, meaning and interaction, culturally constructed speech acts, culture and language, ethnographic methods, socialization, respect/face, politeness theory etc
Phonetics and Acoustic Analysis	Speech therapy students, University hospital, Linköping, Sweden (varying number of hours)	Courses at 1st, 2nd, 3rd and 5th semesters of the Speech Therapy Programme. Basic phonetics, acoustic analysis, formants, spectra, broadband- and narrowband analyses, LTAS, partials etc
SweCog 2010 Summer School	Students and researchers within neurocognition Marston Hill, Mullsjö (2 hours)	Two invited talks: 1. Brain and Cognition 2. Brain and Language 3. Felid Purring (bonus lecture)
Language and cognition	Medical students, Karolinska Hospital (6 hours)	Lecture on language, the brain and cognition at Karolinska Institute
Prolog	Basic level (c. 130 hours)	Lectures and group exercises in programming. Course material partly own production

Language and Communication	Basic level (c. 120 hours)	Lectures and group exercises in basic linguistics (grammar, sociolinguistics, psycholinguistics). Course material partially own production
Language Theory and Grammar	Basic level (c. 80 hours)	Lectures and group exercises in syntax and semantics. Course material partly own production
General Grammar	Basic level (c. 40 hours)	Introductory course in general grammar for students of oriental languages
General Linguistics	Basic level (c. 10 tim)	Propaedeutic course in general grammar socio-, psycho- and cognitive linguistics for "audionomists" at Karolinska Institute, Stockholm
Mathematical Linguistics	Basic level (c. 10 hours)	Group exercises in formal linguistics, discrete mathematics (functions, relations, automata, formal systems)
Speech Technology	Basic level (c. 50 hours)	Introductory lectures in Speech Technology and Spoken Language Processing (speech recognition, speech synthesis, dialogue systems, machine translation etc.)
Machine Translation	Basic level (c. 16 hours)	Introductory lectures in Machine Translation. The course literature mainly own production
Supervising	Basic level	Supervisor for exam papers (basic level) in linguistics as part of my amanuensis position, which also included general study counselling
Astronomy	High School	Optional Course

Most of the courses listed included creating and planning, correction of examination material, and also in most cases evaluation. The sum total of my pedagogical experience, including thesis supervision (including Stockholm University as well as external supervisor at Telia Research and Voice Provider) and examination (see relevant sections of this CV) amounts to approximately **5000 hours** (although this figure is somewhat difficult to calculate).

Since 2017 I am also active at **Academic English Support (AES)** and **Språkcentrum**, where I help students with their academic writing, in Swedish and English.

08.02 Other

Since the mid-1990s I also give the lecture "Language Technology – an introduction" at a number of universities around Sweden, notably **Göteborg University**, **Stockholm University** and **Karlstad University** and others.

I am also experienced in giving so-called "lecture recitals" as part of my concert activities, as well as teaching basic levels and basic level music teaching. My first teaching experience was to lead a "Free Choice" course in Astronomy at High School during the Fall term 1977 and Spring term 1978.

09 Supervision

09.01 PhD level

As of 1 December 2013 I am the **main supervisor** of **Mikael Svensson** at the Department of Culture and Communication at Linköping University. During the period 1 December 2012 to 30 November 2013 I was **co-supervisor** of the same work.

I am also **co-supervising Hillary Sang** at the Department of Linguistics and Foreign Languages, School of Arts and Social Sciences, Moi University, Eldoret, Kenya. Starting date 9 September 2013.

09.02 MA, BA and basic levels

As a part of my position as Lecturer and later Associate Professor at the Department of Culture and Communication at Linköping University I supervise theses at various levels and at various departments. **Please note** that I have stopped listing those theses here (as of early 2017) since these would otherwise soon constitute the bulk of the entire Curriculum. Instead I give the number of theses supervised after the last one named.

63 = Number of theses supervised since Bergström & Johansson below.

Axel Bergström & Martin Johansson. 2017.

Skillnader i disfluensproduktion mellan barn med typisk språkutveckling och barn med generell språkstörning.

[Differences in disfluency production between children with typical language development and children with general language disorder.]

Term paper (15 credits),

Department of Clinical and Experimental Medicine (IKE), Linköping University

Patricia Buaka, Nadja Ström & Björn Lóránt. 2016.

Förekomsten av disfluenser hos svenska 6-åriga barn med typisk utveckling.

[Prevalence of disfluency in Swedish 6-year-old children with typical development.]

Term paper (15 credits),

Department of Clinical and Experimental Medicine (IKE), Linköping University

- Emelie Arvidsson. 2015.
Dual task-effekter på postural kontroll hos äldre individer vid provokation med kognitiv belastning i form av räkneövningar. Effekter per se och jämförelse med resultat hos unga..
Term paper (30 credits),
Department of Clinical and Experimental Medicine (IKE), Linköping University
- Ebba Dahlberg. 2015.
Dual task-effekter på postural kontroll hos äldre individer vid provokation med minnesuppgift. Effekter per se och jämförelse med resultat hos unga..
Term paper (30 credits),
Department of Clinical and Experimental Medicine (IKE), Linköping University
- Annika Svensson. 2015.
Crowdfundning – en studie om vad som kännetecknar designen av en lyckad kampanj.
Bachelor's degree thesis,
Dept. of Computer Sciences, Linköping University
- Madeleine Hammarbäck. 2015.
Gemensamma köp av presenter.
Bachelor's degree thesis,
Dept. of Computer Sciences, Linköping University
- Fredrik Wahlman. 2015.
Accessibility and Safety in Mobile Banking among Small Business Owners.
Bachelor's degree thesis,
Dept. of Computer Sciences, Linköping University
- Daniel Forsberg & Navid Rezaei. 2015.
Viskad svenska vid högläsning. En akustisk kartläggning.
[Whispered Swedish, read aloud. An acoustic survey.]
Bachelor's degree thesis (15 credits),
Dept. of Clinical and Experimental Medicine, Linköping University
- Massoud Jahan Nia. 2014.
Designing Language for Students: A Case Study of Mathematics Applications.
Master's degree thesis (30 credits),
Dept. of Culture and Communication, Faculty of Language and Culture in Europe, Linköping University, Linköping, Sweden
- Matteo Valencic. 2014.
The Big Fallacy: Forcing Agamemnon and Achilles into Westerner's Dreams.
Master's degree thesis (30 credits),
Dept. of Culture and Communication, Faculty of Language and Culture in Europe, Linköping University, Linköping, Sweden
- Jevgenijs Grasevics. 2014.
Language and Culture of the World behind the Screen: a Comparative Analysis of Linguistic Creativity in League of Legends Online Gaming Community.
Master's degree thesis (30 credits),
Dept. of Culture and Communication, Faculty of Language and Culture in Europe, Linköping University, Linköping, Sweden
- Alexandra Lia Grindean. 2014.
Get skinny or die trying. Media and the pursuit of body ideals.
Master's degree thesis (30 credits),
Dept. of Culture and Communication, Faculty of Language and Culture in Europe, Linköping University, Linköping, Sweden
- Eva Lekeberg. 2014.
Gest användning och dess påverkan på talflytet.
[Gesture use and its influence on speech fluency]
Master's degree paper in speech therapy (30 credits),
Dept. of Clinical and Experimental Medicine, Linköping University
- Clara Hedenqvist & Frida Persson. 2014.
Förekomsten av disfluenser hos 6-åriga barn.
[Disfluency incidence in 6-year old children.]
Master's degree paper in speech therapy, 30 credits.
Dept. of Clinical and Experimental Medicine, Linköping University
- Jevgenijs Grasevics. 2013.
Video Games as Mechanisms for Shaping Identity: Pilot Study.
Master's degree thesis (15 credits),
Dept. of Culture and Communication, Faculty of Language and Culture in Europe, Linköping University, Linköping, Sweden
- Maho Kawai. 2013.
The Application of Politeness Theory Into English Education in Japan.
Master's degree thesis (15 credits),
Dept. of Culture and Communication, Faculty of Language and Culture in Europe, Linköping University, Linköping, Sweden
- Matteo Valencic. 2013.
What if Mind-Wandering Did not Exist?
Master's degree thesis (15 credits),
Dept. of Culture and Communication, Faculty of Language and Culture in Europe, Linköping University, Linköping, Sweden

Elsa Backman & Maria Jönsson. 2013.

Gesters påverkan på talflytet. En studie om eh, ehm och öh.

[The influence of gestures on speech fluency. A study of uh, uhm and um.]

Bachelor's degree paper in speech therapy, 15 credits.

Dept. of Clinical and Experimental Medicine, Linköping University

Calle Emilsson, Nina Knez, Evelina Rennes, Sandra Svanberg,

Sam Thellman & Rebecca Wallentin. 2012.

Metaforer som verktyg för inläring hos äldre.

[Metaphors as a learning tool for the elderly.]

Term paper in Cognitive Science

Department of Computer Science, Linköping University, Sweden

During my time in the industry I acted as external supervisor for the following theses:

Hagberg, Nils. 2010.

User response strategies to reprompting in a call routing service.

Bachelor's degree thesis in Computational Linguistics

Department of Linguistics and Philology, Uppsala University, Sweden

Asp, Annika & Anna Decker. 2001.

Reducing Disfluency Through Speech Act Design.

Bachelor's degree thesis in Computational Linguistics

Department of Linguistics, Stockholm University, Sweden

Rydin, Sara. 1997.

Automatisk taggning av kontrastfokus samt andra typer av jämförande fokus.

[Automatic tagging of contrast focus and other types of contrasting focus]

Master's degree thesis in Computational Linguistics

Department of Linguistics, Stockholm University, Sweden

During my time at **Telia Research** I also served as informal, external, supervisor for a number of C-level (Bachelor's Degree) and D-level (Master's Degree) theses within phonetics and computational linguistics. During Fall semester 2008 I acted as external supervisor for a 101 paper (EEG experiment) at Stockholm University.

As a part of my position as amanuensis at the Department of Linguistics at Stockholm University I supervised the following Basic Level theses:

Xyftilis, Katherina, Helen Snäckerström, Aila Mikkola, Ran Liu & Karin Esevik. 1994.

Hur män och kvinnor beskriver sig i kontaktannonser.

[How men and women describe themselves in contact ads.]

Spring semester 1994.

Herczegh, Zoltan & Kerstin Johansson. 1994.

Utvärdering av talbesked.

[Evaluation of automatic speech responses.]

Spring semester 1994.

Barata, Ana, Anette Larsson & Anna Marin. 1993.

Attityder till tabubelagda sexualrelaterade vulgaritetsuttryck.

[Attitudes towards taboo-laden sexual-related vulgarity expressions.]

Fall semester 1993.

Bergström, Anders, Jens Ekstrand, Eva Eriksson, Karl Lindemalm, Hanna Stjernberg & Mimi Åkesson. 1993.

Hur man beskriver sig i kontaktannonser.

[How one describes oneself in contact ads.]

Fall semester 1993

10 Administration

10.01 Project proposal coordination

I coordinated a project proposal within the EU Seventh framework program (*FP7-ICT, challenge 2.1: Cognitive Systems, Interaction, Robotics*), a "large-scale integrated project". The work was part of my postdoc at the Stockholm Brain Institute/Karolinska Institutet.

10.02 Course coordination and course planning

During the period spring 2013 through fall 2016 I was the **main course coordinator** of most of the second semester, later first, of the Speech Therapy program (Logopedprogrammet) at Linköping University (University Hospital), Sweden, as well as **shared coordinator** of the first and fifth semesters. During fall of 2013 I was also the main course coordinator of the fifth semester. The work included planning of course contents assignment of between 20 and 40 external lecturers per semester/course, bookings of laborations and demonstrations, administration connection with examinations, course evaluations and follow-ups of course results, base group activities, correspondence with both teachers and students etc.

During a couple of years in the mid-1990s I worked with course planning as part of my position as an **amanuensis** at Stockholm University. This included scheduling, evaluations and basic course outlining. I also took part in the course planning of Computational Linguistics as part of my PhD studies position at Stockholm University.

During the Spring semester 1994 I was course coordinator for the computational linguistics course **Language and Computers** at Stockholm University. The work included administration of around ten invited lecturers within the fields lexicography, artificial intelligence, encryption, tagging, parsing, formal and mathematical linguistics, applications for the disabled et cetera. I also lectured on the course (Prolog programming).

11 Scientific experience and commissions of trust

11.01 Editor experience

I was the **editor** of the following conference proceedings:

I am an **invited Guest Editor** of a Special Issue of *Applied Sciences* with the title "The Analysis and Interpretation of Animals Vocalisations". My co-editor is **Roger Moore**, University of Sheffield, UK.
https://www.mdpi.com/journal/applsci/special_issues/Animal_Vocalisations

With **Ralph Rose**, Waseda University, Tokyo, Japan. **In Press.**
Proceedings of DiSS 2021, The 9th Workshop on Disfluency in Spontaneous Speech
25–27 August 2021, Université Paris VIII Vincennes, Paris, France.
ISBN XXX-XXX-XXX-XXX-X, DOI: XXXXXXXX-XXXXXX1.

With **Ralph Rose**, Waseda University, Tokyo, Japan
Proceedings of DiSS 2019, The 9th Workshop on Disfluency in Spontaneous Speech
12–13 September 2019, ELTE Eötvös Loránd University, Budapest, Hungary. ISBN 978-963-489-063-8,
DOI: 10.21862/diss-09

With **Ralph Rose**, Waseda University, Tokyo, Japan
Proceedings of DiSS'2017 – Disfluency in Spontaneous Speech
19–19 August 2017, KTH The Royal College of Technology, Stockholm, Sweden
ISSN 1104-5787, ISRN KTH/CSC/TMH-17/01-SE

Proceedings of DiSS'2013 – Disfluency in Spontaneous Speech
21–23 August 2013, KTH The Royal College of Technology, Stockholm, Sweden.
ISBN 978-91-7519-582-7, eISBN-978-91-7519-579-7, ISSN 1403-2570.

Proceedings of Fonetik 2013, the XXVth Swedish Phonetics Conference, Studies in Language and Culture, no. 21
ISBN 978-91-7519-582-7, eISBN 978-91-7519-579-7, ISSN 1403-2570.

Proceedings of DiSS'03 – Disfluency in Spontaneous Speech
Gothenburg Papers in Theoretical Linguistics 90, ISSN 0349–1021
5–8 September 2003, Göteborg University, Sweden.
ISSN 0349-1021.

NODALIDA '93 – Proceedings of '9:e Nordiska Datalingvistikdagarna'
3–5 June 1993, Stockholm University, Sweden.
ISBN 91-7153-262-5.

11.02 Reviewing – project proposals

I have acted as **reviewer** for the Dutch **Technology Foundation STW** (<http://www.stw.nl>) as specialist within speech technology, neurocognitive science and musicology (January 2009).

11.03 Reviewing – academic press

As of 2023 I am declining most reviewing invitations. I have acted as reviewer for the following academic journals or books:

Languages

<https://www.mdpi.com/journal/languages> October 2022

System

www.elsevier.com/locate/system August 2022

The Journal of the Acoustical Society of America Express

<https://asa.scitation.org/journal/jel> August 2022

Clinical Linguistics and Phonetics

<https://www.tandfonline.com/toc/iclp20/current> February 2022

Analytical Approaches to World Music

<https://www.aawmjournal.com> January 2021

Clinical Linguistics and Phonetics

<https://www.tandfonline.com/toc/iclp20/current> December 2020

Analytical Approaches to World Music

<https://www.aawmjournal.com> January 2021

Clinical Linguistics and Phonetics

<https://www.tandfonline.com/toc/iclp20/current> December 2020

System

www.elsevier.com/locate/system November 2020

System

www.elsevier.com/locate/system September 2020

Journal of Monolingual and Bilingual Speech

<https://journal.equinoxpub.com/JMBS> January 2020

System

www.elsevier.com/locate/system September 2019

The Journal of the Acoustical Society of America Express

<https://asa.scitation.org/journal/jel> September 2019

Journal of the Phonetic Association of Japan
<http://www.psj.gr.jp/eng/publication> in September 2018

System
www.elsevier.com/locate/system July 2018

International Journal of Web Science
<https://www.inderscience.com/jhome.php?jcode=ijws> February 2018

System
www.elsevier.com/locate/system January 2018

Oxford University Press
global.oup.com January 2017

Journal of Northern Studies
<http://www.jns.org.umu.se> June 2017

System
www.elsevier.com/locate/system October 2016

International Journal of Learner Corpus Research
<https://benjamins.com/#catalog/journals/ijlcr/main> April 2016

System
www.elsevier.com/locate/system March 2016

Language Dynamics and Change
<http://www.brill.com/publications/journals/language-dynamics-and-change> September 2015

System
www.elsevier.com/locate/system July 2015

System
www.elsevier.com/locate/system November 2014

Acoustics Australia
www.acoustics.asn.au/joomla/aa-journal-information.html October 2014

Journal of the International Phonetic Association
www.langsci.ucl.ac.uk/ipa/journal.html July 2014

Acoustics Australia
www.acoustics.asn.au/joomla/aa-journal-information.html July 2014

Northern-European Journal of Language Technology.
www.nejlt.ep.liu.se May 2014

System
www.elsevier.com/locate/system June 2014

System
www.elsevier.com/locate/system February 2014

System
www.elsevier.com/locate/system November 2013

Speech Communication
www.elsevier.com/locate/specom January 2011

Springer Verlag (book chapter) October 2010

Speech Communication
www.elsevier.com/locate/specom September 2010

Acta Linguistica Hungarica
<http://www.springerlink.com/content/103023> January 2010

Speech Communication
www.elsevier.com/locate/specom vol 35, nos. 1–2, August 2000

I was **reviewer** for:
 Anke Lüdeling & Merja Kytö (eds.). 2009.
Corpus Linguistics. An International Handbook.
 Series: Handbücher zur Sprache und Kommunikationswissenschaft /
 Handbooks of Linguistics and Communication Science. Berlin: Mouton de Gruyter

11.04 Reviewing – conferences and workshops

I have also acted as reviewer for various conferences and workshops, most of which are listed in section **12 Scientific Committees.**

11.05 Examination and grading committees – PhD theses

I was on the **grading committees** for:

Jonas Lindh. 2017.

Forensic Comparison of Voices, Speech and Speakers.

PhD thesis, Department of Philosophy, Linguistics and Theory of Science, University of Gothenburg, Sweden.
[Committee member.]

Kristina Lundholm Fors. 2015.

Production and Perception of Pauses in Speech.

PhD thesis, Faculty of Arts, Göteborg University, Göteborg, Sweden.
[Committee Chair.]

Daniel Sjölie. 2013.

Human brains and virtual realities. Computer-generated presence in theory and practice.

PhD thesis, Department of Computing Science, Umeå University, Umeå, Sweden.
[Committee Chair.]

NOTE! I have been member of a few other PhD examination and grading committees where, for various reasons, the theses were never presented, which is the reason that they are not listed here.

11.06 Examination and grading committees – MA and BA theses

Please note that I have stopped listing those theses since these would otherwise soon constitute the bulk of the entire Curriculum. Instead I give the number of theses supervised after the last one named. Instead I give the number of theses examined after the last one named. I was the **chair of the grading committee** for the theses listed below, up until 2017.

72 = Approximated number of theses supervised since Kindbom & Krohn (2017) below.

Christopher Kindbom & Matilda Krohn. 2017.

Oral Communication Strategies in English as a Foreign Language

BA thesis (15 credits), Department of Language and Culture, Linköping University, Sweden

Ayelen Daiana Gallo. 2017.

Conceptual Metaphors in the Dance Sphere of Twitter

BA thesis (15 credits), Department of Language and Culture, Linköping University, Sweden

Yasmin Ali & Maja Säberg. 2017.

Fostering Student's Oral Communication Skills in the Second Language Classroom.

BA thesis (15 credits), Department of Language and Culture, Linköping University, Sweden

Julia Granath & Anna Malm. 2016.

Förhållandet mellan vårdnadshavares utbildningsnivå och deras barns språkliga förmåga mätt med the New Reynell Developmental Language Scales (NRDLS)

[The relationship between caretakers' educational level and their children' language skills measured by the New Reynell Developmental Language Scales (NRDLS)]

MA thesis (30 credits), University Hospital, Linköping, Sweden

Nadia Ardic & Giaband Nabizadeh. 2016.

Språkförståelse och språkproduktion hos svenska tvååringar med typisk språkutveckling. En jämförelse mellan åldersgrupperna 2;0–2;5 och 2;6–2;11 baserad på NRDLS

[Speech understanding and speech production in Swedish two-year-olds with typical speech development. A comparison between the age groups 2;0–2;5 and 2;6–2;11 based på NRDLS]

MA thesis (30 credits), University Hospital, Linköping, Sweden

Sara Johansson & Daniella Reuterstrand. 2016.

Relationen mellan språkförståelse och språkproduktion hos två- respektive femåriga barn med typisk språkutveckling – baserad på bedömning med New Reynell Developmental Language Scales

[The relation between language understanding and language production in two- and five-year-old children with typical language development – based on assessment with New Reynell Developmental Language Scales]

MA thesis (30 credits), University Hospital, Linköping, Sweden

Anna Nilsson & Johan Svenbe. 2016.

Högläsning och spontaltal

[Reading aloud and spontaneous speech]

BA thesis (15 credits), University Hospital, Linköping, Sweden

Christina von Tell. 2015.

Programmering i skolmiljö

[Programming in a school environment.]

BA thesis, Dept. of Computer Science, Linköping University, Linköping, Sweden

Oskar Danielsson. 2015.

Utveckling av utvärderingsmetod för Augmented Reality i prehospital vård

[Development of assessment methods for Augmented Reality in prehospital care.]

BA thesis, Dept. of Computer Science, Linköping University, Linköping, Sweden

Fredrik Isaksson & Elias Larsson. 2015.

Avgörande faktorer för talnaturalighet hos personer med Parkinson's sjukdom. Korrelationsstudie mellan naiva lyssnares bedömning och akustisk analys

[Decisive factors for speech naturalness in speakers with Parkinson's disease.

A correlation study between naive listeners and acoustic analysis.]

MA thesis (30 credits), University Hospital, Linköping, Sweden

- Emelie Grängfors & Lisa Sjögren. 2015.
Universitetslärares röst användning i olika lokaler – utifrån objektiva och subjektiva mätningar. En fallstudie
[University lecturers's voice use in different locales, objective and subjective measurements. A case study.]
BA thesis (15 credits), University Hospital, Linköping, Sweden
- Heli Degerman & Maja Sahlsten. 2015.
Vuxet vardagstal
[Adult everyday speech.]
BA thesis (15 credits), University Hospital, Linköping, Sweden
- Elsa Beckman & Erica Domeij. 2014.
Dialektal medvetenhet hos barn. En jämförande studie mellan åldrarna 5, 8 och 11 år
MA thesis (30 credits), University Hospital, Linköping, Sweden
- Emma Bäckerper & Anna-Maja Liljebäck. 2014.
Dialektanvändning hos barn med typisk utveckling. En jämförande studie mellan östgötska barn i olika åldersgrupper
MA thesis (30 credits), University Hospital, Linköping, Sweden
- Aina Birchwood & Michaela Eriksson Leidnert. 2014.
Nyordsinläring i relation till ordförråd, nonordsrepetition och prosodi hos en grupp barn i förskoleåldern med typisk språkutveckling
BA thesis, University Hospital, Linköping, Sweden
- Henrik Järåsen & Joel Peterson. 2013.
Bedömning av utländsk brytning och förståelighet hos personer med svenska som andraspråk före och efter en kurs i svenskt uttal
MA thesis, University Hospital, Linköping, Sweden
- Johanna Forsberg Larsson & Maria Lilja. 2013.
Verbberäkning hos vuxna med afasi. Bedömt med Action Naming Test
MA thesis, University Hospital, Linköping, Sweden
- Mahtab Fattah Hosseini & Jenny Le. 2013.
Variabilitet i voice onset time – en studie av svenska femåringars klusilproduktion.
BA thesis, University Hospital, Linköping, Sweden
- Josefin Berglund & Kaisa Hasselquist. 2013.
Röst och språk. En studie om röstskillnader mellan modersmål och svenska som andraspråk hos personer med invandrarbakgrund.
BA thesis, University Hospital, Linköping, Sweden
- Klas Hedlund & Emilia Morén. 2013.
Normering av SVenskt Artikulations- och NasalitetsTEst, SVANTE.
BA thesis, University Hospital, Linköping, Sweden
- Clara Holmén & Elin Littorin. 2013.
SVenskt Artikulations- och NasalitetsTEst, SVANTE.
BA thesis, University Hospital, Linköping, Sweden
- Parisa Akbarzadeh. 2012.
Comparing music, lyrics and singing in teaching Swedish children the phonetics of English.
MA thesis, Department of Culture and Communication, Linköping University, Sweden
- Jin Zhang. 2012.
A Review of Bernhard Karlgren's Reconstruction of the Ancient Chinese Sound System.
MA thesis, Department of Culture and Communication, Linköping University, Sweden
- Marie Andersson & Elin Nordin. 2012.
Voice Onset Time hos svensktalande barn med avvikande språkljudsutveckling.
MA thesis, University Hospital, Linköping, Sweden
- Torbjørn Morset Størseth. 2005.
Language context as phonetic discriminator of English xenophones in Norwegian.
MA thesis, Department of Modern Foreign Languages, Faculty of Arts, NTNU Dragvoll, Trondheim, Norway

11.07 Opposition

I was **opponent of a PhD defence** on 29 January 2010 on:

Niklas Torstensson. 2010.
Judging the Immigrant: Accents and Attitudes
ISSN 1654-2568; ISBN 987-91-7264-882-1
Dept. of Language studies, Umeå University, Sweden

I was **opponent of a PhD seminar** (part-of-thesis defence) on 6 December 2007 for:

Roland Hogman. 2007.
Campanellas in Silvius Leopold Weiss's music in the manuscript London GB-Lbl Ms. Add 303 87
Department of Musicology, Stockholm University, Sweden

11.08 Specialist assignments

I acted as invited **specialist** on multilingualism for *Eufo-Institut* (<http://www.eufo-institut.de>) and attended its first conference in Munich on 25 January 2003. (I was invited to the follow-up conferences but could not attend.)

I acted as **specialist** in the EU project *COST 233 – Prosodics in Synthetic Speech*. (European Cooperation in the Field of Scientific and Technical Research.) Final report 14 November 1995.

11.09 Boards

I am on the Advisory Board for the **Children and Nature Conservation Zimbabwe Trust**;
<http://www.cncztrust.org/>

I was on the interviewing committee for a PhD position in Linguistics/Phonetics/Ethnomusicology at the **Laboratoire de Phonétique et Phonologie, Laboratoire d'excellence Empirical Foundations of Linguistics (EFL)**, Paris, France, on 16 September 2016, as invited by Professor Didier Demolin, Professeur Université Sorbonne nouvelle, Paris, France.

I was on the **Fonetikstiftelsens Anslagsnämnd** in February 2014, approving Fonetik 2014 conference funding (Stockholm University, and again January 2015, approving Fonetik 2015 funding (Lund University).

11.10 Plenary speaker

I was invited **Inspirational Speaker at Vocal Interactivity in-and-between Humans, Animals and Robots (VIHAR)**, Schloss Dagstuhl Seminar 16442, 30 October – 4 November 2016, in Dagstuhl, Tyskland.
<http://www.dagstuhl.de/16442>

I was **plenary speaker** at *Röstforum* 2012, 21 April 2012 at the University Hospital, Linköping, Sweden.

I was invited **plenary speaker** at: *SALT (Advanced Studies in Arts, Languages and Theology)* på Uppsala Universitet (8 October 2009) as an expert on "cross-lingual influence: the integration of foreign items" (i.e. xenophones):
<http://salt.engelskaparken.uu.se/?sida=8>

11.11 Public lectures

See **15.02 Sweden**.

11.12 Top-level assignments

I was **demonstrator** at *IT Visions*, a governmental-level meeting (Sweden, France) that took place in Paris on 13 December 1999, where I and a colleague at Telia Research represented Swedish cutting-edge research (e.g., speech-to-speech translation, facial animation).

11.13 Professional rankings (selected)

I was **ranked number one** for a position as research assistant in linguistics at Stockholm University (reference no. 614-1999-07) with an application focusing on neurocognitive studies of disfluency. Board decision protocol dated 11 June 2009.

11.14 Prizes and awards

With **Susanne Schötz** and **Joost van de Weijer** at Lund University winner of the **Ig Nobel prize in Biology (2021)**:
<https://www.improbable.com/2021/09/09/announcing-the-2021-ig-nobel-prize-winners>
https://en.wikipedia.org/wiki/List_of_Ig_Nobel_Prize_winners#2021

In connection with **Vetenskapsfestivalen** (The Science Festival) 2016/2017 I was interviewed by **Karin Gyllenklev**, in her series "Karin Gyllenklev meets **Sweden's 100 coolest researchers**". These researchers were chosen based on nominations "from anyone/everyone". I was interviewed as number 5.
<http://www.youtube.com/watch?v=tR4ToTT1FCU>

11.15 Research permits

In 2013 I was granted a **research permit** from the Namibian government to conduct vocalization studies on cheetahs and wild dogs at the N/a'an ku sê Foundation in Windhoek, Namibia.

In 1999 I was granted a **research permit** from the Papua New Guinea government to conduct speech data collection in Papua New Guinea (New Ireland).

11.16 Wikipedia editing

I am a **trusted editor** on Wikipedia and have contributed to entries on speech, disfluency, xenophones, felid purring, lion roaring, music, kulning (Swedish cattle calls), aircraft, ancient Roman history etc.

12 Scientific committees

I acted on the Scientific/Organizing Committees of the following conferences:

DiSS 2023

Disfluency in Spontaneous Speech
28-30 August, 2023, Bielefeld, Germany

ICPhS 2013

The 20th International Congress of Phonetic Sciences
7–11 August 2023, Prague, Czech Republic

Interspeech 2022

18–22 September 2022, Incheon, Korea

ICASSP 2022

22–27 May 2022, Singapore

Interspeech 2021

30 August – 3 September 2021, Brno, Czechia

DiSS 2021

Disfluency in Spontaneous Speech
August 25-27, 2021, Paris, France (virtual)

ICASSP 2021

International Conference on Acoustics, Speech, and Signal Processing
6–11 June 2021, Toronto, Ontario, Canada

Interspeech 2020

14–18 September 2020, Shanghai, China

ICASSP 2020

International Conference on Acoustics, Speech, and Signal Processing
4–8 May 2020, Barcelona, Spain (virtual)

Interspeech 2019

15–19 September 2019, Graz, Austria

DiSS 2019

Disfluency in Spontaneous Speech
12–14 September 2019, ELTE Eötvös Loránd University, Budapest, Hungary

VIHAR 2019

Vocal Interactivity in-and-between Humans, Animals and Robots
29–30 August 2019, London, UK

ICPhS 2019

International Congress of Phonetic Sciences
5–9 August 2019, Melbourne, Australia

ICASSP 2019

International Conference on Acoustics, Speech, and Signal Processing
12–17 May, 2019, Brighton, United Kingdom

Interspeech 2018

2–6 September 2018, Hyderabad, India

VIHAR 2017

Vocal Interactivity in-and-between Humans, Animals and Robots
25–27 August 2017, Skövde University, Sweden

Interspeech 2017

Disfluency in Spontaneous Speech
20–24 August 2017, Stockholm University, Sweden

DiSS 2017

Disfluency in Spontaneous Speech
18–19 augusti 2017, Royal Institute of Technology (KTH), Stockholm, Sweden

ICASSP 2017

5–9 mars 2017, New Orleans, USA
Inbjuden.

Disfluency 2017

15–17 februari 2017, Louvain-la-Neuve, Belgium

Interspeech 2016

8–12 september 2016, San Francisco, USA

Interspeech 2015

6–10 september 2015, Dresden, Germany

ICPhS 2015

International Congress of Phonetic Sciences
10–14 augusti 2015, Glasgow, Scotland

DiSS 2015

Disfluency in Spontaneous Speech
8–9 augusti 2015, Edinburgh, Scotland

NLP4CALL, 4th workshop on NLP for computer-assisted language learning

11–13 maj 2015, Vilnius, Lithuania

NLP4CALL, 3rd workshop on NLP for computer-assisted language learning

13 november 2014, Uppsala

Interspeech 2014

14–18 september 2014, Singapore

DiSS 2013

Disfluency in Spontaneous Speech 21–23 augusti 2013, Stockholm, Sweden

NoDaLiDa 2013

2nd workshop on NLP for computer-assisted language learning 22 maj 2013, Oslo, Norge

DiSS-LPSS Joint Workshop 2010

The 5th Workshop on Disfluency in Spontaneous Speech
The 2nd International Symposium on Linguistic Patterns in Spontaneous Speech
25–26 september, 2010, Tokyo, Japan

Interspeech 2007

27–31 augusti 2007, Antwerpen, Belgien

Linguistics Patterns in Spontaneous Speech

17–18 november 2006, Taipei, Taiwan

Interspeech 2006

17–21 september 2006, Pittsburgh, Pennsylvania, USA

DiSS 2005

10–12 september 2005, Aix-en-Provence, France

Interspeech 2005

4–8 september 2005, Lissabon, Portugal

ICSLP 2004

4–8 oktober 2004, Jeju Island, South Korea

Synthesis Workshop Dedicated to the Memory of Farkas Kempelen

11–13 mars 2004, Budapest, Ungern

Eurospeech '03

1–4 september 2003, Geneve, Schweiz

DiSS '03

5–8 september 2003, Göteborg, Sverige

ICPhS '03

3–9 augusti 2003, Barcelona, Spanien

ICSLP '02

16–20 september 2002, Denver, Colorado, USA

DiSS '01

29 August – 31 september 2001, Edinburgh, Skottland

Nodalida '93

3–5 juni 1993, Stockholm, Sverige

13 Grants and stipends

In December 2015, Stiftelsen Marcus and Amalia Wallenbergs Minnesfond awarded 4 MSEK to our **project proposal** *Melody in human–cat communication (Meowsic)*: <http://vr.humlab.lu.se/projects/meowsic>. **Dr Susanne Schötz** of Lund University was the main application, with me and **Dr Joost Van de Weijer**, Lund University, as co-applicants. The project started in September 2016 and has received enormous media attention internationally.

During Spring 2007 I obtained a **proposal-writing grant** (200,000 SEK) from Vinnova (<http://www.vinnova.se>) on behalf of Stockholm Brain Institute/Karolinska Institute for a proposal within the Seventh Research Framework Programme (*FP7-ICT, challenge 2.1: Cognitive Systems, Interaction, Robotics*), a "large-scale integrated project" which I also coordinated as part of my postdoc at Karolinska Institute. When the project was invited to a Hearing in Luxembourg I was awarded an additional 50,000 SEK as a travel grant (from Vinnova).

In 2005 I received a **postdoc grant** from the AMI Consortium (<http://www.amiproject.org>) – Augmented Multi-party Interaction – for postdoctoral studies at the International Computer Science Institute (ICSI) (<http://www.icsi.berkeley.edu>) in Berkeley, California.

In 1986 Helge A:son Johnsons Stiftelse (<http://www.haxsonj.se/purpose.asp>) awarded me with a **grant for music studies** at the Royal College of Music, London.

I received 1000 SEK as a **course grant** from Föreningen För Tidig Musik (Swedish Early Music Society).

14 Attended conferences

DiSS 2021 – Disfluency in Spontaneous Speech Université Paris 8 Vincennes – Saint-Denis, France 25–26 August 2021 Online (Zoom)	Organizing and Scientific Committee Conference proceedings editor [102]
SASUF 2019 South Africa – Sweden Research and Innovation Week Stellenbosch University 6–10 May 2019	Presentation with Febe de Wet , 9 May 2019
VIHAR 2017 Vocal Interactivity in-and-between Humans, Animals and Robots Skövde, Sweden 25–26 augusti 2017	Scientific Committee Presentationer [87, 88] [Missed the conference due to illness.]
Interspeech 2017 Stockholm, Sweden 20–24 August 2017	Organizer of “Special Event” on <i>kulning</i> , Swedish cattle calls [Missed most of conference due to illness.]
DiSS 2017 – Disfluency in Spontaneous Speech KTH The Royal Institute of Technology, Stockholm, Sweden 18–19 August 2017	Main organiser, Scientific Committee Conference proceedings editor [83] Presentations [84, 85, 86] Website designer, photographer etc [Missed most of conference due to illness.]
Vocal Interactivity in-and-between Humans, Animals and Robots (VIHAR) <i>Dagstuhl Seminars 16442</i> Dagstuhl, Germany 30 October 30 – 4 November, 2016	Invitation Only-conference. Invited Inspirational Speaker Personal Statement [82]
Interspeech 2016 <i>Understanding Speech Processing in Humans and Machines</i> San Francisco, USA 8–12 September 2016	Presentations [80, 81]
Fonetik 2016 <i>The XXIXth Swedish Phonetics Conference</i> Royal Institute of Technology (KTH), Stockholm, Sweden 13–15 June 2016	Presentations [78, 79]
Arkeologi och interpretation – att aktualisera det förflutna Norrköpings Konstmuseum [Art Museum] and Linköpings Universitet 15–17 September 2015	“Lecture recital” (lute and harp)
ICPhS 2015 <i>International Congress of Phonetic Sciences</i> Glasgow, Scotland 10–14 August 2015	Presentations [77]
DiSS 2015 <i>Disfluency in Spontaneous Speech</i> Edinburgh University, Edinburgh, Scotland 8–9 August 2015	Presentations [75, 76], session chair
Fonetik 2015 <i>The XXVIIIth Swedish Phonetics Conference</i> Lund University, Sweden 8–10 June 2015	Presentations [72, 73, 74], session chair
ICPLA 2014 <i>The 15th International Clinical Phonetics and Linguistics Association Conference</i> Karolinska Institute, Stockholm, Sweden 11–13 June 2014	Observer
Fonetik 2014 <i>The XXVIIth Swedish Phonetics Conference</i> Stockholm University, Sweden 9–11 June 2014	Observer

<p>DiSS 2013 <i>The 6th Workshop on Disfluency in Spontaneous Speech</i> KTH Royal Institute of Technology, Stockholm, Sweden 21–23 August 2013</p>	<p>Organizer, editor, session chair, photographer</p>
<p>Fonetik 2013 <i>The XXVIth Swedish Phonetics Conference</i> Linköping University, Sweden 12–13 June 2013</p>	<p>Organizer, editor, session chair, presentations [67, 68, 69], pianist</p>
<p>Logopedi 2012 <i>The 5th National Conference on Speech Therapy</i> Jönköping, Sweden 15–16 November 2012</p>	<p>Observer</p>
<p>SLTC 2012 <i>Workshop NLP for computer-assisted language learning</i> University of Gothenburg, Sweden 25 October 2012</p>	<p>Presentation [66]</p>
<p>FONETIK 2012 <i>The XXVth Swedish Phonetics Conference</i> University of Gothenburg, Sweden 30 May – 1 June 2012</p>	<p>Presentations [61, 60, 59]</p>
<p>KVIT 2012 <i>The 18th Annual Symposium of Cognitive Science and Information Technology</i> Linköping University, Linköping, Sweden 10–11 May 2012</p>	<p>Observer</p>
<p>SweCog 2012 <i>The Swedish Cognitive Science Conference</i> Linköping University, Linköping, Sweden 27–27 April 2012</p>	<p>Session chair, observer</p>
<p>Röstforum <i>Röstfrämjandets årsmöte 2012</i> Linköping University Hospital, Linköping, Sweden 21–22 April 2012</p>	<p>Plenary speaker Paper [092]</p>
<p>Fonetik 2011 <i>The Swedish Phonetics Conference</i> Royal Institute of Technology, Stockholm, Sweden 8–10 June 2011</p>	<p>Presentations [58, 57, 56, 55]</p>
<p>Svensk Dialogverkstad 2010 <i>Swedish Dialog Workshop 2010</i> Linköping University, Sweden 29 October 2010</p>	<p>Presentation</p>
<p>DiSS-LPSS 2010 <i>DiSS-LPSS Joint Workshop 2010,</i> <i>The 5th Workshop on Disfluency in Spontaneous Speech & The 2nd International Symposium on Linguistic Patterns in Spontaneous Speech</i> University of Tokyo, Japan 25–26 September 2010</p>	<p>Organiser, scientific committee, paper presentation [54] session chair</p>
<p>Fonetik 2010 <i>The Swedish Phonetics Conference</i> Lund University, Sweden 2–4 June 2010</p>	<p>Paper presentations [53, 52], session chair</p>
<p>Fonetik 2009 <i>The Swedish Phonetics Conference</i> Stockholm University, Sweden 10–12 June 2009</p>	<p>Poster presentation [51]</p>
<p>Fonetik 2007 <i>The Swedish Phonetics Conference</i> KTH, Stockholm, Sweden 30 May – 1 June 2007</p>	<p>Presentation [48]</p>
<p>AAACL 2006 <i>American Association of Applied Corpus Linguistics</i> Northern Arizona University, Flagstaff, AZ, USA, 20–22 October 2006</p>	<p>Presentation (no proceedings)</p>

<p>Sling 2006 <i>The Swedish Linguistics Conference</i> Stockholm University, Sweden, 27–28 April 2006</p>	<p>Presentation (no proceedings)</p>
<p>DiSS '03 <i>Disfluency in Spontaneous Speech</i> Göteborg University, Sweden, 5–8 September 2003</p>	<p>Organizer, editor [42], session chair, webmaster, photographer</p>
<p>ICSLP '02 <i>International Conference on Spoken Language Processing</i> Denver, CO, USA, 16–20 September 2002</p>	<p>Poster presentation [41]</p>
<p>PMLA 2002 <i>ISCA Tutorial and Research Workshop on Pronunciation Modeling and Lexicon Adaptation</i>, Estes Park, CO, USA, 14–15 September 2002</p>	<p>Observer</p>
<p>Fonetik 2002 <i>The Swedish Phonetics Conference</i> Stockholm University, 29–31 May 2002</p>	<p>Observer</p>
<p>DGfS 2002 <i>Jahrestagung der Deutschen Gesellschaft für Sprachwissenschaft: Mehrsprachigkeit Heute</i> Mannheim, Germany, August 27–March 1 2002</p>	<p>Oral presentation [40]</p>
<p>MSLP 2001 <i>Workshop on Multilingual Speech and Language Processing</i>, Aalborg, Denmark, 8 September 2001</p>	<p>Observer</p>
<p>Eurospeech 2001 Aalborg, Denmark, 3–7 September 2001</p>	<p>Observer</p>
<p>DiSS '01 <i>Disfluency in Spontaneous Speech</i> Edinburgh University, Scotland, 29–31 August 2001</p>	<p>Presentation [39], webmaster, photographer</p>
<p>Fonetik 2001 <i>The Swedish Phonetics Conference</i>, Örenäs, Sweden, 30 May–1 June 2001</p>	<p>Observer</p>
<p>Campuskonferens Dept. of Pedagogics, Stockholm University, Sweden, 21 March 2001</p>	<p>Observer</p>
<p>ICSLP '00 <i>International Conference of Spoken Language Processing</i> Beijing, China, 16–20 October 2000</p>	<p>Poster presentations [37, 36]</p>
<p>Visions of the Future <i>The Engelsberg Seminar 2000</i> Avesta, Sweden, 26–28 August 2000</p>	<p>Observer, conference dinner performer (lute)</p>
<p>Fonetik 2000 <i>The Swedish Phonetics Conference</i> Skövde, Sweden, 24–26 May 2000</p>	<p>Oral presentation [35]</p>
<p>Campuskonferens Dept. of Pedagogics, Stockholm University, 22 March, 2000</p>	<p>Observer</p>
<p>MIST '99 <i>Multi-lingual Interoperability in Speech Technology</i> Leusden, The Netherlands, 13–14 September 1999</p>	<p>Oral presentation [28]</p>
<p>Eurospeech '99 <i>6th European Conference on Speech Communication and Technology</i>, Budapest, Hungary, 5–9 September 1999</p>	<p>Observer</p>
<p>AVSP '99 <i>Auditory-Visual Speech Processing</i> University of Santa Cruz, CA, USA, 8–9 August 1999</p>	<p>Observer</p>

<p>ICPhS '99 <i>The 14th International Congress of Phonetic Sciences</i> San Francisco, CA, USA, 1–7 August 1999</p>	Poster presentation [27]
<p>Disfluency in Spontaneous Speech University of Berkeley, California, USA, 30 July 1999</p>	Oral presentation [26]
<p>ICLC '99 <i>6th International Cognitive Linguistics Conference</i> University of Stockholm, Sweden, 10–16 July 1999</p>	Observer, conference dinner performer (lute)
<p>Fonetik 99 <i>The Swedish Phonetics Conference</i> Göteborg University, Sweden, 2–4 June 1999</p>	Oral presentation [25]
<p>AVSP '98 <i>Auditory-Visual Speech Processing</i> Terrigal, New South Wales, Australia, 4–6 December 1998</p>	Observer
<p>ICSLP '98 <i>International Conference of Spoken Language Processing</i> Sydney, Australia, 1–5 December 1998</p>	Oral presentation [24], poster presentations [23, 22]
<p>ASA '97 <i>134th Meeting of the Acoustical Society of America</i> San Diego, CA, USA, 1–5 December 1997</p>	Poster presentation [21]
<p>ACL/EACL <i>American Society of Computational Linguistics European Chapter of Computational Linguistics,</i> Madrid, Spain, 7–11 July 1997</p>	Co-author [20, 19], observer
<p>Fonetik '97 <i>Swedish Phonetics Conference</i> Umeå, Sweden, 28–30 May 1997</p>	Poster presentation [17]
<p>ICSLP '96 <i>International Conference of Spoken Language Processing</i> Philadelphia, PA, USA, 3–6 September 1996</p>	Oral presentation [16]
<p>IVTTA '96 <i>1996 IEEE Third Workshop, Interactive Voice Technology for Telecommunications Applications,</i> Basking Ridge, NJ, USA, 30 September–1 October 1996</p>	Oral presentation [15]
<p>COLING '96 Copenhagen, Denmark, 5–9 August 1996</p>	Observer
<p>Fonetik '96 <i>The Swedish Phonetics Conference</i> Nässlingen, Sweden, 30–31 May 1996</p>	Co-author [14], observer
<p>ASA '96 <i>131st Meeting of the Acoustical Society of America</i> Indianapolis, IN, USA, 13–17 May 1996</p>	Oral presentation [13]
<p>ASA '95 <i>130th Meeting of the Acoustical Society of America</i> Saint Louis, MI, USA, 27 November–1 December 1995</p>	Poster presentation [12]
<p>ICPhS '95 <i>International Congress of Phonetic Sciences</i> Stockholm, Sweden, 14–18 August 1995</p>	Observer
<p>NODALIDA '95 <i>Nordiska Datalingvistikdagarna,</i> Helsinki, Finland, 29–31 May 1995</p>	Observer
<p>Campuskonferens Dept. of Pedagogics, Stockholm University, 15 November 1994</p>	Oral presentation [8]

NODALIDA '93

Nordiska datalingvistikdagarna
Stockholm, Sweden, 3–5 June 1993

Oral presentation [9], editor of conference proceedings,
organizer, conference dinner performer (lute, voice)

Weiss und seine Zeit

*Silvius Leopold Weiss und seine Zeit -
Europäische Lautenkunst des Barock*
Freiburg, Germany, 8–13 September 1992

Presentation of [iii], observer

Lute Society Meeting

British Lute Society Meeting,
London, England, 1 February 1992

Oral presentation [iii], lute performance

MUSIKOLOGEN

Conference for non-graduated music researchers,
Stockholm, Sweden, 11–12 May 1990

Oral presentation [4, 3], lute performance

15 Invited talks, lectures and presentations

I have been invited to give talks at a number of universities, research institutes and so on, both in Sweden and internationally. Most of these talks have been on one of the areas **disfluencies**, **ingressive speech**, **neurocognition**, **speech technology** (from several different perspectives), **corpus collections**, **xenophones**, **wildlife** or **music**. In a number of cases more than one of these areas have been covered, i.e. in those cases where I have been invited back to give additional talks (notably NASA, Berkeley University, ICSI and others). Dates and topics are specified below, however not with the advertised talk titles. The order is USA, Canada, Europe, Africa, Asia.

15.01 International

Below you find my international talks and lectures. In a number of cases more than one of these areas have been covered, i.e. in those cases where I have been invited back to give additional talks (notably NASA, Berkeley University, ICSI and others). Dates and topics are specified below, however not with the advertised talk titles. The sorting order is USA, Canada, Europe, Africa, Asia.

NASA/Ames Research Moffet Field, CA, USA

<http://www.arc.nasa.gov>

Disfluency (13 August 2002)

Disfluency (4 September 2000)

Berkeley University, Department of Linguistics Berkeley, CA, USA

<http://www.linguistics.berkeley.edu>

Melody in Human-Cat Communication (Meowsic): Origins, Past, Present and Future (13 September 2016)

fMRI study of disfluency (15 December 2014)

Disfluency (13 November 2005)

Ingressive speech (17 October 2005)

Berkeley University, Center for New Music and Audio Technologies Berkeley, CA, USA

<http://www.cmat.berkeley.edu>

Speech Technology (2 February 2006)

Stanford University, CSLI, Semlab Stanford, CA, USA

<http://www-csli.stanford.edu>

<http://godel.stanford.edu/twiki/bin/view/Public/WebHome>

Disfluency (2 December 2005)

SRI International Menlo Park, CA, USA

<http://www.sri.com>

Xenophones (14 August 2002)

International Computer Science Institute (ICSI) Berkeley, CA, USA

<http://www.icsi.berkeley.edu>

Xenophones (15 August 2002)

Disfluency (23 September 2005)

Center for Spoken Language Understanding (CSLU) at OGI Portland, OR, USA

<http://cslu.cse.ogi.edu>

Disfluency (5 December 2005)

Dalhousie University Halifax, Canada

<http://is.dal.ca/~hcdwww>

Xenophones (14 September 2002)

Humboldt-Universität Berlin, Germany

<http://www.linguistik.hu-berlin.de>

fMRI study of disfluency (20 June 2012)

Saarland University Saarbrücken, Germany

<http://www.coli.uni-saarland.de>

fMRI study of disfluency (10 January 2013)

Utrecht University Utrecht, The Netherlands

<http://www.let.uu.nl>

Xenophones (19 April 2002)

Norges teknisk-naturvitenskapelige universitet (NTNU) Trondheim, Norway

<http://www.hf.ntnu.no/engelsk>

Disfluency (5 December 2002)

Xenophones (5 December 2002; main presenter: Anders Lindström)

Lute Society London, England

<http://www.lutesoc.co.uk>

UUB Imhs 20:13: A baroque lute manuscript (1 February 1992)

Lycée international Saint-Germain-en-Laye, France

<http://www.lycee-international.com>

History of the western lute (8 December 1988; "Lecture recital")

Stellenbosch University Cape Town, South Africa

<http://www.sun.ac.za/university>

Ingressive speech (3 December 2008)

N/a'an ku sê Wildlife Sanctuary Windhoek, Namibia

<http://www.naankuse.com>

Felid roaring (18 December 2013)

Felid vocalizations (11 December 2013)

Felid purring (5 December) 2011

The Research Centre for Linguistic Typology (RCLT) Canberra, Australia

<http://www.latrobe.edu.au/rcit>

Xenophones (26 November 1998)

Academia Sinica Taipei, Taiwan

<http://www.ling.sinica.edu.tw>

Speech data collection and ecological validity (13 December 2003)

15.02 Sweden

Observe that while most of the lectures below are specified in the same manner as for the international lectures above, exceptions have been made for a couple of sites where I have given too many recurring lectures for this method to be appropriate. Moreover, in addition to the topics listed above some lectures given, at e.g. Stockholm University, are the legacy of my time there as an amanuensis, which means that lectures on e.g. **machine translation**, **psycholinguistics**, **sociolinguistics**, **mathematical linguistics** and so on also occurred. These are not all included.

Nota bene! This list is surely not exhaustive since it has been reconstructed years after the fact. The sorting order is universities first (in alphabetical order), then other educational institutions, then companies/industry, then museums, and finally private societies/clubs.

Gävle Högskola

<http://www.sccil.gu.se>

Disfluency & fMRI Studie of Disfluency (1 February 2018)

Göteborg University

<http://www.sccil.gu.se>

Speech Technology (22 February 2018, 11 March 2016, 24 February 2015, 21 February 2014, 22 February 2013, 7 February 2012, 25 February 2011, 26 February 2010)

Göteborg University

<http://www.ling.gu.se>

Speech Technology (23 February 2018, 30 September 2003, 17 October 2002, 28 January 2002, 9 January 2001, 11 September 2001, 12 September 2000, 12 May 2000, 16 September 1999, 11 May 1999, 29 September 1998, 18 November 1997)

Papua New Guinea and Tok Pisin (27 April 1999)

Disfluency (18 November 1998)

Karlstad University

<http://www.cs.kau.se>

Speech Technology (23 February 2018, 10 March 2016, 6 November 2015, 18 March 2003, 30 March 2002, 11 April 2001, 23 March 2000, 23 February 2018)

Karolinska Institute, Stockholm

<http://ki.se>

fMRI study of disfluency (4 November 2011) Language and Cognition (23 May 2009)

Speech Technology (2 February 2009; at Astrid Lindgrens Children's Hospital)

Language and Cognition (8 January 2009)

Audiology (18 Dec 1999, 15 December 1999, 14 December 1999 13 December 1999, 12 December 1999; all x2)

Kungliga Tekniska Högskolan / Royal Institute of Technology (KTH)

<http://www.speech.kth.se>

fMRI study of disfluency (10 November 2009)

Speech Technology (7 November 1996)

Linköping University – Library

<http://www.liu.se/biblioteket>

Disfluency (24 August 2018)

Linköping University

<http://www.ikk.liu.se>

Junior Faculty Day – “Pros & Cons when comparing industrial R&D with academia” (28 November 2012)

Linköping University – Biology

<https://liu.se/organisation/liu/ifm/biolo>

Meowsic: Melody in Human–Cat Communication (20 September 2019)

Linköping University – Computer Science

<http://www.ida.liu.se>

fMRI study of disfluency (26 October 2011)

fMRI study of disfluency (6 Nov 2010)

Speech Technology (21 February 2003)

Speech Technology (21 March 2002)

Speech Technology (17 October 1995)

Linköping University – Filosofiska Föreningen & Folkuniversitetet

www.hu.liu.se

Brain and Cognition & Language (28 May 2019)

Linköpings Universitet – Hälsouniversitet

www.hu.liu.se

Speech Technology (23 December 2012)

Linköpings University – Culture and Communication

<http://www.ikk.liu.se>

Speech Technology (3 October 2012)

Linköpings Universitet – Open lectures (to attract new students)

<http://www.liu.se>

Vad katten säger katten? (What the heck is the cat saying?); Arbetets Museum, Norrköping; drop-in-lecture (29 September 2018)
Kan katter och människor kommunicera med varandra? (Can cats and humans communicate with each other?) (18 October 2017; ×4)
Från lejonryt till kattpurrr (From lion roars to cat purrs) (26 October 2016; ×2)
Felic vocalisations; lecture specifically given for refugee children (7 October 2016)

Lund University

<http://www.sol.lu.se>

Speech Technology (2 March 2005)

Disfluency (22 October 1999)

Xenophones (22 October 1999; main presenter: Anders Lindström)

Speech Technology (21 October 1999)

Ronneby University

<http://www.softcenter.se/hogskola>

Speech Technology (2 October 1998)

Skövde University

<http://www.his.se/isp>

Speech Technology (13 December 1998)

Stockholm University – Linguistics

<http://www.ling.su.se>

Speech Technology (7 February 2013, 20 January 2012, 6 December 2011, 23 September 2011, 15 April 2011, 5 May 2010, 17 April 2009, 2 Dec 2003, 25 Mar 2003, 3 Dec 2002, 5 March 2002, 4 December 2001, 5 December 2000, 3 April 2000, 22 September 1999, 20 September 1999, 21 April 1999, 17 November 1998, 5 February 1998, 26 January 1998, 8 April 1997)

Language and Robots (27 October 2010)

Ingressive Speech (23 November 2006)

Disfluency (22 February 2002)

Machine Translation (3 September 1999, 29 September 1998, 29 January 1998, 11 April 1996)

Student Lecture (25 March 1999)

Papua New Guinea and Tok Pisin (2 June 1998)

Computational Linguistics (14 June 1995)

Speech Synthesis (27 May 1995)

Prolog (18 March 1997, 28 March 1995)

Stockholm University – Computer Science

<http://www.dsv.su.se>

Speech Technology (13 May 2003)

Speech Technology (14 May 2002)

Speech Technology (11 May 2001)

Speech Technology (8 May 2000)

Stockholms Universitet – Musicology

<http://www.su.se/ike/utbildning/alla-program-och-kurser/musikvetenskap>

Kulning [Swedish Cattle Calls] (6 April 2016) (with Anita McAllister and Ahmed Geneid)

Senioruniversitetet Stockholm

<https://senioruniversitetet.se/>

The cats in our lives??species, history and communication (19 February 2020)

Umeå University

<http://www.sprak.umu.se>

fMRI study of disfluency (1 April 2010)

Prosodic marking of linguistic focus (18 April 1996)

Uppsala University

<http://utbdatabas.uu.se/katalog>

Speech Technology (15 November 1996)

Växjö University

<http://www.msi.vxu.se/Datalogi>

Speech Technology (13 December 2002)

Ukuleleklubben

<http://www.sama.se/ukuleleklubben>

Ukulele as a renaissance instrument (7 September 2008)

Viktor Rydberg Gymnasium

<http://www.vrg.se>

Speech Technology (9 November 2001)

Bozoka

<http://www.bozoka.com>

Speech Technology (16 May 2002)

Swedish Broadcasting Corporation (Sveriges Radio)

<http://www.sr.se>

Speech Technology (11 December 2001, 7 December 2001, 11 May 2001, 6 April 2001, 9 March 2001, 2 February 2001)
Speech Synthesis (25 March 1998)

Swedish Quality Care

<http://www.swedishqualitycare.se>

Speech Technology (16 September 2012)

Telia Research / TeliaSonera

<http://www.ida.liu.se>

Disfluency (21 August 2008)

Papua New Guinea and Tok Pisin (15 May 1998)

Speech Technology (23 August 1995; demonstration during Royal Visit)

Voice Provider

<http://www.voiceprovider.se>

Statistical analysis (29 March 2012)

Felid purring (28 May 2010)

fMRI study of disfluency (12 November 2009)

Speech Technology (18 September 2008)

Widespace

<http://www.widespace.com>

Speech Technology (26 June 2013)

Museum of Technology, Stockholm

<http://www.tekniskamuseet.se>

Speech Technology (15 October 2004; x2)

Telemuseum – Tekniska Muséet (Museum of Telecommunications), Stockholm

<http://www.tekniskamuseet.se>

Speech Technology (2003-06-05)

Föreningen Kattstallet, Vällingby

<https://kattstallet.se>

Felid Vocalizations (15 January 2020)

Sällskapet Pelle Svanslös Vänner, Uppsala

<http://www.sallskapetpellesvanslosvanner.se>

Felid Vocalizations (23 April 2018)

I have also given hundreds of demonstrations of *The Spoken Language Translator*, the speech-to-speech translation system I worked on at Telia Research during the period 1995–2000. These demonstrations took place both at the Telia Research premises and at sundry conferences, workshops and professional fairs.

Since the mid-1990s I also give an introductory lecture on speech technology at several universities in Sweden (mainly Stockholm University, Göteborg University and Karlstad University) most often as a recurring part of course programs.

16 Media appearances

I have appeared numerous times in media (press, radio, TV and web, often overlapping), both nationally and internationally. Prior to 2014 I was mainly interviewed on **speech technology** (automatic speech recognition, speech synthesis, speech-to-speech translation), facial animation etc), **speech disfluency** (how one is not entirely fluent when speaking), *ingressive speech* (speech on inhalation), **cheetah and domestic cat purring**, **kulning** (Swedish cattle calls) and also as a **musician/lutenist**.

After the initiation of the **Meowsic** (Melody in Human–Cat Communication, however, most of the media appearances have focused on this project. Often I have been interviewed directly, and sometimes I have been mentioned (with or without my Meowsic colleagues **Susanne Schötz** and **Joost van de Weijer**, both at Lund University), but the line between directly and indirectly is hard to define since sometimes media “borrow” from themselves (or others). Also, the line between what constitutes press, radio, TV and web is fuzzy since any interview might well end up as more than one of these. Because of this the list below is somewhat arbitrary. And a final thing to be pointed out is that the “hidden number” of media appearances on Meowsic simply and beyond any doubt is enormous. I have not included international media here, for many reasons.

16.01 Press

Below is a list of my press appearances. The listing is basically “newest first”. For several of these items I have not had access to the paper version of the articles (with page numbers) and in those cases I refer to the web version (with the link). The list is surely not exhaustive, above all as regards Meowsic). At the end of the list I have put three cases where I am not the object of an interview as a researcher or a musician but instead have had photographs published.

Inside Your Cat’s Mind (september 2023, sidorna 54–61)

“What Does a Purr Mean? It Depends” by Mark Teich.

Interviewed as a specialist on **felid purring**.

The Atlantic (7 September 2022; online)

“Purring Is a Love Language No Human Can Speak” by Katherine J. Wu

<https://www.theatlantic.com/science/archive/2022/09/why-cats-purr-vocalization-science/671358/>

Kattliv (2021, no. 6, pages 38–40)

“Kattutbildningar” [Cat education/courses] (Therese Lilliesköld);

Description of **my course “Cat personality and communication”**; see **08.01 Courses (selected)**.

De Volkskrant (2021, Tuesday 16 Februari, page number unknown (to me); in Dutch)

“Adem in en praat” [Breathing in speech];

Extensive article on **speech on inhalation** by Famous Dutch comedian Paulien Cornelisse; interview with me as “de grote inademeexpert” (the great inhalation expert); Paulien also appeared on Dutch television the following day (see **08.03 TV**), with a picture of me.

Birkabladet (2019, no. 1, June, pages 12–14)

“Möt Robert Eklund – lingvist (språkforskare), musiker och kattälskare”

[Meet Robert Eklund – linguist (language researcher); musician and cat lover]

Researcher **profile**, **cheetah studies**, **Meowsic**.

Universitetsläraren (2018, no. 7, front cover and pages 14–18)

“Katter är ju bara bäst, snyggast och gulligast” [Cats are just the best, the most beautiful and the cutest!];

Main article, researcher profile; my research in general, including music/musicology, speech technology, brain research, cats; also referred back to in the final issue Editorial, no. 8, 2018, page 2, when summarizing what that year’s articles have covered; *Universitetsläraren* [The University Teacher] is the union publication for Swedish academics.

Kattliv (2018, no. 5, pages 20–23 and 24–27)

“Flera har försökt knäcka språkkoderna” [Many have tried to crack the language codes] (Anette Rimönt);

“Kattens språkmelodier” [The language melodies of cats] (Lars Bergström);

Descriptions of **Meowsic**.

Svanslöst (2018, no. 1, page 2)

Meddelande om kommande föreläsning på Föreningen Pelle Svanslös Vänner

[Notification about coming **lecture** for the Friends of Pelle Svanslös Society] (“Peter Tail-less”; famous Swedish literary cat).

Aftonbladet Katt Special (14 November – 4 December 2017, pages 24–26)

“Jau seåg en rålåg gnagarjävel!” [In Scanian dialect: I saw an abominable rodent bastard];

Description of **Meowsic** as well as my studies of **cheetahs**.

Dagens Industri (november 2017, nr 4)

“Hit med fisken, nu!” [Gimme the fish, now!];

Dolphin vocalisations.

Katzenmagazin (2017, no. 3, pages 28–29)

“Das Geheimnis des Schnurrens” [The secret of cat purring];

Interview on **cat purring in general**; photo of me with a caracal in Namibia.

Doktorn (2 december 2016)

“Forskare: Katter kan ha dialekt” [Researchers: Cat Might Have Dialects];

Description of **Meowsic**, **cheetah and lion vocalisations**.

Hela Gotland (17 November 2016)

“MJAU! Kan katter jama på gotländska?” [MEOW! Can cats meow in Gotlandish?]

Description of **Meowsic**, through TT.

Folkbladet (17 November 2016)

“Katter kan jama på dialekt” [Cats can meow in dialect];

Description of **Meowsic**, through TT.

- Blekinge Läns Tidning* (17 November 2016)
 "Katter kan jama på dialekt" [Cats can meow in dialect];
 Description of **Meowsic**, through TT.
- Land* (18 november 2016)
 "Vilken dialekt jamar din katt på? Det undersöker forskare!"
 [Which dialect does your cat meow in? Researcher are investigating this!]
Meowsic, cat vocalisations.
- Västerbottens-Kuriren* (18 November 2016)
 "Katter kan jama på dialekt" [Cats can meow in dialect];
Meowsic, cat vocalisations.
- Västervikstidningen* (18 November 2016)
 "Katter kan jama på dialekt" [Cats can meow in dialect];
Meowsic, cat vocalisations.
- Värmlands Folkblad* (18 November 2016)
 "Katter kan jama på dialekt" [Cats can meow in dialect];
Meowsic, cat vocalisations.
- Språktidningen* (November 2016, no. 8, page 23)
 "Spinnandets ursprung är ännu en gåta" [Purring origins still a mystery];
 I explain **cat purring**. Part of a larger article "Pussy-cats meow exclusively to us" (pp. 18–24), on **Meowsic**.
- Norrköpings Tidningar* (8 maj 2016)
 "Vad snackar din katt om?" [What is your cat talking about?];
Meowsic, cat vocalisations.
- Motala Vadstena Tidningar* (8 maj 2016)
 "Vad snackar din katt om?" [What is your cat talking about?];
Meowsic, cat vocalisations.
- Corren* (3 May 2016, page 20)
 "Vad snackar din katt om?" [What is your cat talking about?];
Meowsic, cat vocalisations.
- Expressen* (13 April 2016)
 "Forskare ska reda ut: Pratar katter med dialekt?" [Researchers are going to find out: do cats talk in dialects?];
 Description of **Meowsic**.
- Östgöta Correspondenten* (5 april 2014, sidan 20)
 "Han vill lösa mysteriet med spinnande kattdjur" [He wants to solve the mystery of purring felids];
Cat purring and general **vocalisations, cheetah purring**.
- Våra Rovdjur* (March 2014, no. 1, pages 18–21)
 "Katten vad det låter!" [I'll be darned (Swe: "the cat!") how much it sounds!];
Cheetah purring and **other vocalisations**, wildlife conservation.
- The Local* (18 December 2012)
 "Swedes and donkeys: a language peculiarity";
Ingressive speech.
- Röstläget* (September, 2012)
Disfluency (referred to).
- Språktidningen* (April 2010, no. 2, pages 16–20)
 "Småordens olidliga skönhet" [The unsufferable beauty of small words];
Disfluency, filled pauses "eh" and "um".
- Språktidningen* (June 2009, no. 3, front cover + pages 15–19)
 "Säg jo och andas in – samtidigt" [Say yes and inhale – at the same time];
Speech on inhalation (ingressive speech); mentioned as "perhaps the foremost expert on ingressive speech" (page 16).
- Spirit* (Southwest Airlines In-Flight Magazine, November 2008, sidan 6)
 "We flub 6% of all spoken words";
Disfluency in spontaneous speech.
- MikroDatorn* (1999, no. 15, pages 81–83)
 "Snart kan du snacka med pc:n" [You can soon talk to your PC];
Speech technology, speech recognition, speech synthesis.
- Teknik och Vetenskap* (1998, no. 1, page 23)
 "Ettor, nollor och en renässansluta" [Ones, zeros and a renaissance lute];
Telia advert, representing research department.
- Jusek-tidningen* (1997, no. 5/6, front cover + pages 3 and 6–8)
 "Animerat ansikte ger svar på tal" + "Vetenskap på tvären får datorer ett tala"
 [Animated faces talks back + Sideways science makes computer talk];
Speech technology, speech recognition, speech synthesis, facial animation, speech-to-speech technology.
- Mitt i Hanninge* (15 October 1996, no. 325)
 "Datorn ger svar på tal... och hör sen!" [Get this: the computer talks back];
Speech technology.
- Ny Teknik* (4 December 1997, no. 49, pages 31–32)
 "Datorn läser på läpparna och översätter till franska" [The computer reads your lips and translates into French];
Speech technology, facial animation, speech-to-speech translation.

- Metro* (18 September 1996, front cover + pages 12–13)
 "Nu lär sig datorn att höra" + "Datorerna som kan stockholmska"
 [Now the computer learns to listen + Computers who knows Stockholmsian];
Speech technology, facial animation, speech-to-speech translation.
- Ny Teknik* (12 September 1996, no. 37, front cover 0 pages 12–13)
 "Datorn förstår hans språk" + "Åsa lär dator förstå svenska"
 [The computer understands his language + Åsa teacher the computer to understand Swedish];
Speech technology, facial animation, speech-to-speech translation.
- Televärlden* (23 October 1997, no. 18, front cover + page 5)
 "Forskaren som lägger orden i munnen på dig" + "Telefonen tolkar hennes läppar"
 [The researcher who puts words in your mouth" + "The phone interprets her lips];
Speech technology, speech recognition and speech synthesis.
- Televärlden* (27 June 1996, no. 12, page 19)
 "Han lär datorn prata" [He teaches the computer to talk]
Speech technology, speech recognition and speech synthesis.
- Verkstäderna* (1995, no. 11, pages 6–8):
 "Det mänskliga gränssnittet: Tala med datorn" [The human interface: Speak with the computer];
Speech technology, speech recognition and speech synthesis.
- Expressen (exxet)* (22 October 1995, pages 58–59)
 "Låt datorn sköta snacket" [Let the computer do the talking];
Speech technology, speech-to-speech translation (not mentioned by name).
- RadioVian* (september 1995, sidorna 14–15)
 "Kunglig glans över huvudkontoret" [Royal Splendor at the Head Office];
Speech technology, summary of **Royal visit** at Telia, where I demoed voice recognition and speech-to-speech translation.
- Datateknik* (29 February 1994, no. 4, pages 21–24)
 "Talstyrning kommer först till din mobiltelefon" + "För datorn är statistik lättare att fatta än lingvistik"
 [Speech Recognition will first appear in your cell phone" + "Computers find statistics easier to grasp than linguistics"];
Speech technology, speech recognition and speech synthesis.
- ishue This Week* (Autumn 1986, page 2)
 Part II: The New Lags (Jürgen Boltz)
 Presentation of myself as a new resident at the International Students House, London.
- DN – Runt Stan Haninge/Tyresö* (15 January 1986, front cover + page 6)
 "Lutan leder västerut" + "Han ser framtiden i lutan"
 [The lute takes you westwards + He sees the future in the lute];
Lutenist and Early Music.

Published photographs

- I have also had **photographs published**, in e.g.,
Svenska Dagbladet (17 May 2004), a sign in Tok Pisin.
Civilekonomen (5/2015), a portrait.
 Alan Capp's book *Lost: Uncle Jim's Short War* (2015), an aerial photo of Kavieng Airport, New Ireland.

16.02 Radio

Below you find a list of selected radio appearances. The order is "newest first". The titles are taken from web versions (pod radio) that I have identified, something which has not always been successful.

- Science Friday (28 October 2022)
 On **cat vocalisations** in general and purring in particular.
<https://www.sciencefriday.com/segments/why-do-cats-purr/>
- Central Time, Wisconsin Public Radio, WPR (30 September 2022)
 On **cat vocalisations** and **Meowsic**; part of a live broadcast pledge drive.
<https://www.wpr.org/programs/central-time>
- SR P4 Östergötland (19 June 2018)
 On **cat vocalisations** and **Meowsic**.
- Radio24 Malmö (2 December 2016)
 On **cat vocalisations** and **Meowsic**.
- Eftermiddag i P4 Väst (17 November 2016)
 On **cat vocalisations** and **Meowsic**.
- SR P4 Extra (17 November 2016) [Not entirely sure about the date]
 On **cat vocalisations** and **Meowsic**.
- Radio24 Kalmar (17 November 2016)
 On **cat vocalisations** and **Meowsic**.
- SR P1 Vetenskapsradion Forum (26 October 2016)
 Anita McAllister, Kajsa Dahlström and myself are interviewed by Urban Björstadius on **kulning** (Swedish cattle calls).
- SR P4 Extra (16 October 2016)
 "Har katter olika dialekter?" [Do cats have different dialects]; on **Meowsic** and cat vocalisations in general.

SR P4 Göteborg Extra med Erik Blix (1 October 2016)
On **cat vocalisations** and **Meowsic**.

SR P5 STHLM (30 August 2016)
"Så pratar katterna med oss" [How cats talk with us]; on **Meowsic**.

SR Radio Sweden (25 August 2016)
"What is your cat really saying to you?"; on **Meowsic**.

SR P1 Vetenskapsradion Forum (23 August 2016)
Urban Björstadius interviewed me about **felid vocalisations** in general. According to Björstadius this is edition one of the most popular and listened-to in the history of this science program and it was rebroadcast several times.

SR P4 Östergötland (Norrköping) Extra (17 March 2016)
"Kan vi prata med våra katter?" [Can we talk with our cats?]; on **Meowsic**, interviewed with Susanne Schötz.

NRK Ekko (16 March 2016)
On **cat vocalisations** and **Meowsic**.

SR P4 Västerbotten (Umeå) Morgon (13 March 2014)
"Norrländskt 'schuu' inte unikt" [Norrländish 'jo' not unique];
on **speech on inhalation**.

SR P4 Östergötland (Norrköping) Morgon (13 March 2014)
I was interviewed about **purring** in cats and other mammals

SR P1 Naturmorgon (26 March 2011)
I was interviewed on **purring** in cats and other mammals.

SR P1 Språket (1 June 2010)
I was interviewed about **disfluency** and **felid purring**.

NRK Språkteigen (22 September 2009)
I was interviewed on **ingressive speech** in the Norwegian language show Språkteigen.

NRK Språkteigen (6 September 2009)
I was interviewed on **speech disfluency** in the Norwegian language show Språkteigen.

SR P1 Språket (30 oktober 2006)
I was interviewed about **ingressive speech** (speech on inhalation).

SR Vaken med P3 and P4 Natten lång (17 January 2006)
Interviewed as a linguist during my postdoc time in Berkeley, USA

16.03 TV

Below you find a listing of my TV appearances I. The order is "newest first". In some cases I don't know whether the interview was actually broadcast, e.g. the ZDF/Bayerischer Rundfunk below. Again the hidden number with regards to mentions (as opposed to direct interviews with me personally) is surely considerable.

"Jinek" on RTL4 Dutch television (21 februari 2021)

Paulien Cornelisse discusses her paper on **ingressive speech** (see 16.01 Press); I appear with a huge picture and am frequently referred to. Although I didn't appear live the 1.5 million viewers (source: Cornelisse) made me think that this merited its inclusion here.

ARTE (28 November 2020)

"Comment le chat a conquis le monde"; documentary on the history of cats; both Susanne Schötz (initial comments) and myself (concluding comments) appear frequently (many researchers are interviewed), where our **Meowsic** work is described.

SVT UR Språknyheterna (7 November 2017)

"Språket om maktfaktor, meänkieli och mjau"; [Language as a tool of power, meänkieli and meow];
a film team follows me during data collections for **Meowsic**.

SVT Nyheter (17 November 2016); broadcast in SVT Östergötland, SVT1 Rapport and SVT2 Aktuellt

"Katter har sannolikt dialekt" [Cats have, in all likelihood, dialects]; on **Meowsic**.

SVT Nyheter (4 March 2016)

"Forskare ska lära oss prata med katter" [Researchers will teach us to talk with cats]; on **Meowsic**.

Aftonbladet TV (TV4) Morgon (2 May 2016)

"Forskaren kan tala med katter" [This researcher can talk with cats]; on **Meowsic**, **purring** etc.

24Corren (26 March 2014)

I was interviewed by Henrik Lindberg about my research of **big cat vocalisations** and **purring**.

ZDF/Bayerischer Rundfunk (19 June 2009)

I was interview about my **neurocognitive research** by Anette Kolb and Anne Hartman.

TV3 Direkt (3 November 1998)

I was interviewed as **linguist/speech technologist**.

SVT TV2, Rapport Sommarmorgon (31 July 1998)

I was interviewed as **linguist/speech technologist**.

M6 (French music channel) (Spring 1989)

Lutenist in the lute maker Stephen Murphy's stand in the "Musicora" fair in Paris; performing parts of a suite by Jacques Bittner on an 11-course baroque lute.

SVT TV2 (29 September 1986)

"Musik i Tvåan: Renässans för barocken", del 1 (of 4) [Music in channel two; Renaissance for the baroque]; **lutenist** in Johann Valentin Meder's opera "Die beständige Argenia" (1680), staged as part of Swedish Baroque Festival in Malmö, Sweden (16–23 August 1986).

16.04 Film

I appear as a **musician** (lute and harp) in **Martín Yernazian's** and **Michael Masley's** film *Art Officially Favoured*; see <http://www.imdb.com/title/tt0815100/>

16.05 Web

I am easily found on the web, but trying to provide a full listing of mentions would be a both a futile exercise as well as a Sisyphus undertaking, for several reasons; for starters, almost all interviews in both press, radio and TV are mirrored on the web. What are listed below are interviews with and articles about me (e.g. Researcher Profiles) and the YouTube clip that was part of how my/our felid vocalisations studies (Meowsic) started.

<https://www.smithsonianmag.com/smart-news/how-do-cats-purr-scientists-may-now-have-an-answer-180983044/>

How Do Cats Purr? Scientists May Now Have an Answer. (11 October 2023); review by Sarah Kuta of the same study as Live Science below; cited.

<https://www.livescience.com/animals/cats/why-cats-purr-is-a-surprisingly-long-standing-mystery-now-were-one-step-closer-to-solving-it>

Why cats purr is a surprisingly long-standing mystery. Now we're one step closer to solving it. (11 October 2023); interview by Ethan Freedman.

<https://radiopublic.com/tumble-science-podcast-for-kids-G4wko8/s1166a2c>

Why Do Cats Purr? (4 March 2022); Tumble Science Podcast for Kids; interview by Lindsay Patterson.

<https://liu.se/nyhet/humorpris-till-liu-s-kattforskning>

Linköping University (14 September 2021); Meowsic, Ig Nobel prize winner.

<https://liu.se/artikel/fraga-en-forskare-svenska-spraket>

Linköping University (February 2020); Question about "eh".

<https://www.youtube.com/watch?v=qLIT-UWGru4>

Linköping University (10 July 2018); From computers to cats – Linguist Robert Eklund wants to understand.

<https://www.youtube.com/watch?v=tR4ToTT1FCU>

Vetenskapsfestivalen [Science Festival] (2 March 2017); Karin Gyllenklev meets the 100 coolest researchers in Sweden (I was no. 5).

<http://liu.se/artikel/kattprat-blev-global-mediahit>

Linköping University (7 December 2016); Meowsic, cat purring and other vocalisations.

<http://liu.se/artikel/talar-din-katt-dialekt->

Linköping University (6 April 2016); Meowsic, cat purring and other vocalisations.

<http://liu.se/artikel/han-ska-losa-spinnandets-gata>

Linköping University (8 January 2016); researcher profile, ingressive speech, cat purring.

<http://old.liu.se/insidan/reportage/han-kan-losa-spinnandets-gata/?l=sv>

Linköping University (28 February 2014); researcher profile, speech technology, music, ingressive speech, cat purring.

<http://www.neatorama.com/pet/2015/08/26/Comparative-Meows/>

Article on our cat research, based on *Annals of Improbable Research* (see Press above) (26 August 2015).

<https://www.youtube.com/watch?v=ZFvULxbN3NM>

Robert Eklund records the purring cheetah Caine at the Dell Cheetah Centre, Parys, South Africa (29 May 2010); the YouTube clip that "started it all", and resulted in Meowsic.

17 Music

17.01 Profile

I play primarily the **piano, guitars** (acoustic and electric), **renaissance and baroque lutes, archlute, ukuleles, oud** (Arabic lute) **Celtic harp** and others. I have also studied voice. My piano studies were mainly carried out at **Stockholm Private Music College** and my lute studies at **Royal College of Music** (London). Academically I have obtained a Master's degree in Musicology at **Stockholm University**. I am also represented on **YouTube** and the music site **Classic Cat** (<http://www.classiccat.net>)

17.02 Concerts and recitals

I have given concerts in Sweden, England and France, as a soloist, accompanist, orchestra musician (figured bass/basso continuo). I have also appeared in radio and TV in those countries in connection with performances.

I performed at Professor **Carin Franzén's** book release (*När vi talar om oss själva – nedslag i subjektivitetens historia från Montaigne till Norén*) at Nationalmuseum in Stockholm, on 3 March 2019, playing (lutes) and singing French baroque music, appropriately in the 17th century room.

I participated during the **Swedish Baroque Festival** (16–23 August 1986, Malmö, Sweden) as continuo musician (archlute) in the baroque opera *Die beständige Argonia* by Johann Valentin Meder; see section **16.03 TV**.

17.03 Discography

I perform on the following international releases:

2023 – In The Labyrinth: To Our Rescue

Instruments: **oud, Celtic harp, ukulele**

Bandcamp release, September 2023:

<https://inthelabyrinth.bandcamp.com/album/to-our-rescue>

2019 – Solence: Death Do Us part

Instruments: **oud, archlute**

Single release, summer of 2019. YouTube:

<http://www.youtube.com/watch?v=hysb9D1nflI>

2018 – In The Labyrinth: Samas Antaral

Instruments: electric guitar, archlute, 11-course baroque lute, oud

Record Heaven (Trans 152) (<http://www.recordheaven.net/>).

I perform on most tracks on this CD, most notably are the flute-like electric guitar solo on track 3, *The Raven Prince*, and a couple of "links" played on lute.

2011 – In The Labyrinth: Cities

Instrument: **archlute**

Higher and Higher: A Tribute to the Moody Blues

Trail Records (011), in the In The Labyrinth (Peter Lindahl) version of the *Moody Blues* song *Cities*, track 12.

2009 – Rökstenen. A Tribute To Swedish Progressive Rock of the 70's: Worlds On Fire

Instrument: **oud**

I appear on the Musea Records (<http://www.musearecords.com>) (FGBG 4837), on the In The Labyrinth (Peter Lindahl) version of *Worlds on Fire*, CD 3, track 11.

2006 – Christmas Sampler: Santa's Gone Fishing

Instruments: **Celtic harp, ukulele**

Lost Frontier (<http://lostfrontier.org/>) CD, in the In The Labyrinth (Peter Lindahl) composition *Santa's Gone Fishing*, track 7.

2005 – Higher and Higher: A Tribute to the Moody Blues: Cities

Instrument: **archlute**

Mellow Records CD release *Higher and Higher: A Tribute to the Moody Blues* (MMP 481 A/B/C)

in the In The Labyrinth (Peter Lindahl) version of the *Moody Blues* song *Cities*, track 12.

17.04 Teaching

I have taught piano, guitars (acoustic and electric) and lute, both as substitute teacher and privately. Between 2009 and (including) 2017 I taught a course in advanced ukulele-playing at **Sensus** (<http://www.sensus.se>).

18 Languages

Language	Level
Swedish	Native language
English	Near native (speech/writing)
French	Fluent (speech/writing)
Tok Pisin	Near fluent (speech/writing)
German	Good reading ability
Russian	Studies (university level, most of it forgotten)
Old Icelandic	Studies (university level, most of it forgotten)

19 Computer and programming knowledge

19.01 Programming

Language	Level
Lisp	Used to be competent
Prolog	Used to be competent
Unix shell	Used to be competent
Awk	Used to be competent
HTML	Competent
Pascal	Some knowledge
Perl	Rudimentary knowledge

19.02 Operative systems

OS	Level
Window	Good user knowledge
Unix	Good knowledge (including system administration)
Mac OS	Some user knowledge (dated)

19.03 Other

Program	Level
Visio	Good knowledge
MatLab	Good knowledge
SPSS	Good knowledge
SPM	Good knowledge
Overtone Analyzer	Good knowledge
Sopran	Good knowledge
Waves	Good knowledge
WaveSurfer	Good knowledge
Praat	Good knowledge
Cool Edit	Good knowledge
LaTeX	Good knowledge
Emacs	Good knowledge
PowerPoint	Good knowledge
Excel	Good knowledge
TMPGEnc	Good knowledge

20 Other interests and miscellaneous

I am very concerned about **wildlife preservation**, especially big cats, and have adopted the tiger Roque and the three leopard triplets Sami, Alam and Nimira through the Born Free Foundation (www.bornfree.org.uk) and the two snow leopards Alcu and Bagira through Care For The Wild (careforthewild.org) as well as a wild cheetah through The Cheetah Conservation Fund (www.cheetah.org). I am also a sponsor of the Pallas cats (Manuls) at Parken Zoo in Eskilstuna (parkenzoo.se). I have also adopted a tiger through the World Wildlife Foundation (www.wwf.org). I have also been a volunteer at the Amakhala Game Reserve (www.amakhala.co.za) in South Africa where I mainly worked with lions, at the Dell Cheetah Centre (www.dccafrica.co.za) in South Africa with cheetah breeding, and at Antelope Park (www.antelopepark.co.zw) in Zimbabwe where I worked with lion breeding, and N/a'an ku sê Foundation (Namibia) (www.naankuse.com) where I worked with rehabilitation of large carnivores, and also vocalizations research. I am also a member of the IUCN (The International Union for Conservation of Nature) Cat Specialist Group (www.catsg.org/catsgportal). I am also a member of World Animal Protection (<https://www.worldanimalprotection.org>).

Astronomy. I have among things visited the Kitt Peak observatory, outside Tucson, Arizona, twice and am the proud owner of a telescope. In 1978 I taught astronomy as Optional Topic at High School.

I try to stay in shape by going to a **gym** (mainly benchpressing) and by **biking** (summertime). I have also **fenced** (rapier).

Photography (slide and digital). I have had photographs published in e.g., the Swedish daily paper *Svenska Dagbladet* (17 May 2004), *Civilekonomen* (5/2015) and in Alan Capp's book *Lost: Uncle Jim's Short War* (2015). In 2020 I purchased a Nikon P900 Superzoom camera (83× magnification), which took my bird photography to new heights (pun intended).

Web design (including conference web sites).

Travel (I have been to around forty countries).

I am a devoted **comic fan**.

Champagne.

... and I am also a proud member of the **Improbable Research's the Luxuriant Flowing Hair Club for Scientists (LFHCfS)** and the **Luxuriant Hair Club for Scientists (LFHCfS)**; links here:

<https://www.improbable.com/2016/04/>

<https://www.improbable.com/2016/04/30/robert-eklund-joins-luxuriant-flowing-hair-club-for-scientists-lfhcfs/>

(Talking of which: also see **11.14 Prizes and awards**: Ig Nobel.)

... and many other things!

