

Christer Johansson

Professor of Computational Linguistics
 University of Bergen
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 5007 Bergen, Norway
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Education

1997-06-04 **Doctor of Philosophy**
 Computational Linguistics, Lund University, Sweden.
 Title of Thesis: A View from Language.

1995-02-17 **Licentiate of Philosophy**
 Computational Linguistics, Lund University, Sweden.
 Title of Thesis: Development of Verb Forms in Connectionist Nets.

International Scholarships

1992-09 ... 1993-06: **University of Lund and University of California Exchange Programme Graduate Studies** at the dept. of *Cognitive Science*, UCSD, La Jolla, California, USA.

1999-07 ... 01-07 **Japanese Science and Technology Agency Fellowship (STA).**
Post Doc Research at the *ElectroTechnical Laboratory* (ETL), Tsukuba, Japan
 Host researcher: Dr Koiti Hasida

1998-01 ... 1998-06 ... 1999-07 **Wenner-Gren Foundation (6months) & NWO: Nederlandse Instituut voor Wetenschappelijk Onderzoek (1 year).**
Post Doc Research at *Rijksuniversiteit Groningen*, the Netherlands.
 Behavioral and Cognitive Neuroscience : *the Neural Basis of Language*.
 Project leader: Dr Laurie Ann Stowe

1995-10 ... 95-11 **Sasakawa Foundation, Japan**
Invited Researcher at Fukuoka Institute of Technology
 Host researcher: Prof. Masao Yokota

Experience

2001-08-01 ... present: Universitetet i Bergen (Norway)
Associate Professor (2001-2005), Professor (2005-present)
 Computational Linguistics.
 Courses in Artificial Intelligence, Computational Linguistics, General Linguistics,
 Experimental Psycholinguistics, Cognitive Science, Statistics.
Lead Investigator for NFR-BREDT a project on Anaphora resolution and Discourse Processing 2003 ... 2007.
Lead Investigator (with Per Henning Uppstad) in the NFR-CATO project on Writing Processes 2013 – 2017.

1996-11 ... 97-07 Universitetet i Tromsø (Norway) **Lecturer**
Documentation Science. Courses in Humanistic Information Processing

Dissertation

1. **Johansson, C.** 1997. A View from Language. In the series *Travaux de L'Institut de Linguistique de Lund*, XXXIV, Lund, Sweden: Lund University Press, Bromley: England: Chartwell-Bratt Ltd. (189 pages).

Selection of Publications, after 2005

1. Johnsen, L. & **Johansson, C.** 2005. Efficient Modeling of Analogy, In Proc. of the 6th Conference on Intelligent Text Processing and Computational Linguistics, Mexico City, Mexico. in the series Lecture Notes in Computer Science, Vol 3406, Springer Verlag. Berlin. (pp. 681-690).
2. **Johansson, C.** & von Koss Torkildsen, J. C. 2005. Reaktionstider för genuskongruens: hur processeras genus? [Reaction Times for Processing Gender Congruency] In S. Lie, Nedreliid, G., and Omdal, H. (Eds.), Møte om Norsk Språk 2003, 10, Kristiansand:Høyskoleforlaget.
3. **Johansson, C.** & Nøklestad, A. 2005. Detecting Reference Chains in Norwegian. In Proceedings of the 15th Nodalida Conference. Joensuu, Finland: University of Joensuu electronic publications in linguistics and

- language technology 2005. ISBN 9524587718. 10pp.
4. **Johansson, C.** & Johnsen, L. G. 2005. An Analytical Relation between Analogical modeling and Memory Based Learning. In Proceedings of the 15th Nodalida Conference. Joensuu, Finland: University of Joensuu electronic publications in linguistics and language technology 2005. ISBN 9524587718. 10 pp.
 5. **Johansson, C.** & Johnsen, L. G. 2006. Analogical Modeling with Bias allowing Feedback and Centering. Research on Computing Science, Mexico City. vol.18:(pp.57-68).
 6. **Johansson, C.**, Nøklestad, A. & Reigem, Ø. 2006. Developing a re-usable web-demonstrator for automatic anaphora resolution with support for manual editing of coreference chains. In Proceedings of LREC 2006 - 5th International Conference on Language Resources and Evaluation. Paris: European Language Resources Association 2006. ISBN 2-9517408-2-4. (pp. 1161-1166).
 7. Borthen, K., Johnsen, L. & **Johansson, C.** 2007. Coding anaphor-antecedent relations – the annotation manual for BREDT. In Christer Johansson (ed.) Proceedings of the first Bergen Workshop on Anaphora Resolution, Cambridge Scholars Publishing, UK. Published Working Paper Contributions
 8. Larsen, E. & **Johansson, C.** 2007. Animacy and word order effects in language processing, *1st proc. of the Swedish Association of Language and Cognition*, November 29, 2007.
 9. Larsen, E. & **Johansson, C.** 2009. Animacy and Canonical Word Order, In Jordan Zlatev, Mats André, Marlene Johansson Falck & Carita Lundmark (Eds), *Studies in Language and Cognition*, Cambridge Scholars Publishing, (pp.287-297).
 10. McGillivray, B., **Johansson, C.** & Apollon, D. 2008. Semantic structure from Correspondence Analysis, In Proceedings of TextGraphs-3 (COLING 2008 Workshop), Manchester, UK. August 24, 2008.
 11. Rømcke, A. & **Johansson, C.** 2008. Named Entity Recognition Using the Web, In Johansson, C. (Ed.) Second Proceedings of the Workshop on Anaphora Resolution, in the series Northern European Association for Language Technology (NEALT) proceedings, Vol. 2. Bergen, Norway. August 29-31, 2008.
 12. McGillivray, B. & **Johansson, C.** 2009. Making sense through Correspondence, proceedings of the 28th Conference on Lexis and Grammar, *Arena Romanistica*, 4.
 13. **Johansson, C.** 2009. Edit Distance for Coreference Chains. I: *DAARC 2009 7th Discourse Anaphora and Anaphor Resolution Colloquium*. Anna University, Chromepet, Chennai, India: AU-KBC Research Center 2009 ISBN 978-81-909466-0-5. (pp. 100-106)
 14. Hareide, L., Oakes, M. P. & **Johansson, C.** 2013. Preface. In: Hareide, Oakes & Johansson (Eds.): *The many facets of corpus linguistics in Bergen - in honour of Knut Hofland*. Bergen: Bergen Language and Linguistics Studies (BeLLS) ISBN 978-82-998587-2-4. (pp.2).
 15. **Johansson, C.** 2013. Hunting for Significance. In Lidun Hareide, Michael Oakes and Christer Johansson (Eds.) *The many facets of corpus linguistics in Bergen - in honour of Knut Hofland*. Bergen: Bergen Language and Linguistics Studies (BeLLS) 2013 ISBN 978-82-998587-2-4. (pp. 211-220)
 16. Jensen, G. & **Johansson, C.** 2013. Lexical fillers influence the dative alternation: estimating constructional saliency using web document frequencies. *Journal of Quantitative Linguistics* 2013, 20(1) (pp. 13-44).
 17. Torrance, M., Rønneberg, V., **Johansson, C.** & Uppstad, P. H. 2016. Adolescent Weak Decoders Writing in a Shallow Orthography: Process and Product, *Scientific Studies of Reading*, 20(5), 375-388, DOI: 10.1080/10888438.2016.1205071
 18. Folgerø, P. O., Hodne, L., **Johansson, C.**, Andresen, A. E., Sætren, L.C., Specht, K., Skaar, Ø. O., & Reber, R. 2016. Effects of Facial Symmetry and Gaze Direction on Perception of Social Attributes: A Study in Experimental Art History, *Frontiers in Human Neuroscience*, 10, September 2016, DOI: 10.3389/fnhum.2016.00452
 19. Rønneberg, V., **Johansson, C.**, Mossige, M., Torrance, M. & Uppstad, P.H. 2017. Why Bother with Writers? Towards "Good Enough" Technologies for Supporting Individuals with Dyslexia. In: *Writing development in struggling readers : understanding the needs of writers across the lifecourse*. Brill Academic Publishers 2017 ISBN 9789004345812. s. 120-140
 20. **Johansson, C.** 2017. A word or two? *Bergen Language and Linguistics Studies*, vol. 8, no. 1, 2017. ISSN 1892-2449 Available: <https://bells.uib.no/index.php/bells/article/view/1329>
 21. Dione, C.B. & **Johansson, C.** 2018. Modelling Non-compositional Expressions using a search engine. In Kei Ohnishi (Ed.) *9th International Conference on Awareness Science and Technology (iCAST)*, IEEE conference proceedings. ISBN 978-1-5386-5826-0. (DOI: [10.1109/ICAwST.2018.8517247](https://doi.org/10.1109/ICAwST.2018.8517247)) s. 155-160
 22. Larsen, T. & **Johansson, C.** 2020. Gone with a Trace?--Reactivation at PRO positions, In: Vicenç Torrens (Ed.) *Typical and impaired processing in Morphosyntax*, John Benjamins. (in press)
 23. Veia, J. & **Johansson, C.** 2020. Priming Paradigmatic Gaps, In: Vicenç Torrens (Ed.) *Typical and impaired processing in Morphosyntax*, John Benjamins. (in press)

24. Lembke, C-S., Folgerø, P., Andresen, A.E. & Johansson, C. 2020. Prototypes and Recognition of Self in Depictions of Christ, *Proceedings of ONION (LREC)*, (in press).

Refereed Poster or refereed Oral Presentations (after 2010)

1. **Johansson, C.** & Fuh, I. 2013. Cross-linguistic lexical priming between second languages. In *Cross-linguistic priming in bilinguals: Perspectives and constraints*, Nijmegen 2013-09-09 – 2013-09-11.
2. **Johansson, C.** 2013. Intuitive Language Processing. Talk given at: *iCAST workshop on Intuitive Human System*, Aizu-Wakamatsu, Japan. 2013.11.02 – 2013.11.04.
3. Stremme, C., Troland, V. & **Johansson, C.** 2014. Meaning advantage in cross-linguistic priming. In *Psycholinguistics in Flanders*, Ostende, Belgium. 2014-05-08 – 2014-05-09.
4. **Johansson, C.** & Stremme, C. 2014. Effects of presentation in cross-linguistic lexical priming. In *Psycholinguistics in Flanders*, Ostende, Belgium. 2014-05-08 – 2014-05-09. (Oral presentation).
5. **Johansson, C.** & Stremme, C. 2015. Beyond reaction Times: Priming across Languages. In *Psycholinguistics in Flanders, Marche-en-Famenne*, Belgium. 2015-05-08 – 2015-05-09. (Oral Presentation)
6. Rugaard, E. & **Johansson, C.** 2015. Code Switching in the Garden Path, In *Psycholinguistics in Flanders, Marche-en-Famenne*, Belgium. 2015-05-08 – 2015-05-09. (Poster)
7. Rugaard, E. & **Johansson, C.** 2016. Do Balanced Bilinguals Trip in the Garden Path? *GLAC22*. Reykjavik, Island. 20-22 May, 2016. (Oral Presentation)
8. Rugaard, E. & **Johansson, C.** 2016. Differential Working Memory Capacity in L1 and L2?, *Conference on Multilingualism (COM 2016)*. September 11-13, 2016.
9. Rugaard, E. & **Johansson, C.** 2016. Do Balanced Bilinguals Trip in the Garden Path? [extended talk] *Psycholinguistics in Flanders*, Antwerp Belgium. 26-27 May, 2016. (Oral Presentation)
10. Larsen, T. & **Johansson, C.** 2016. Possible Reactivation of PRO Referents in Sentence Processing, *Psycholinguistics in Flanders*, Antwerp Belgium. 26-27 May, 2016.
11. Larsen, T. & **Johansson, C.** 2016. Could the Subject be a PRO? Forty Years after Keenan 1976, Subject Properties and Subject Tests Workshop, Ghent, Belgium, 7–9 September 2016.
12. Veia, J. & **Johansson, C.** 2016. Beginner learners react to paradigmatic gaps: a masked priming experiment, *Psycholinguistics in Flanders*, Antwerp Belgium. 26-27 May, 2016.
13. Folgerø, P., **Johansson, C.** & Andresen, A. 2016. Transgender Priming in Medieval Europe, XXIV. *Conference of the International Association of Empirical Aesthetics*, Vienna, Austria. August 29 – September 1. 2016.
14. Larsen, T. & **Johansson, C.** 2017. Control and Raising: Gone With(out) a Trace?. *Experimental Psycholinguistics Conference*. Menorca, Spain. 2017-06-28...30.
15. Veia, J. & **Johansson, C.** 2017. A Cognitive Account of Gaps in Adjective Declension in Mainland Scandinavian. *GLAC23. Germanic Linguistics Annual Conference 23*, Austin Texas. 2017-04-20..22.
16. Veia, J. & **Johansson, C.** 2017. Priming the unknown: Effects from missing and constructed neuter forms using masked priming. *Experimental Psycholinguistics Conference*, Menorca, Spain. 2017-06-28...30.
17. Larsen, T. & **Johansson, C.** 2018. The Norwegian PRO: Referent Reactivation in Control and Raising Structures. *Grammar in Focus*, Lund University. 2018-02-08...09
18. Matthias, E., Larsen, T., Folgerø, P. & **Johansson, C.** 2018. Can affordable equipment produce good results?. *Psycholinguistics in Flanders*, 2018-06-04...05
19. Dione, C.B. & **Johansson, C.** 2018. Probability or Change in Probability?, *Seventh Swedish Language technology Conference*, Nov. 7-9.
20. Larsen, T. & **Johansson, C.** 2019. Anaphor, pronoun, or other? Investigating PRO using Reactivation Patterns, *Grammar in Focus*, Lund University. 2019-02.07...09
21. Trecca, T., Tylén, K., Fusaroli, R., **Johansson, C.** & Christiansen, M.H. 2019. "Gik guldfisken ind i butikken?": Cross-Scandinavian differences in reliance on top-down information in spoken language processing. *SALC7*, Aarhus, May 22-24.
22. Tylén, K., Trecca, F., Dideriksen, C., Ishkhanyan, B., Dąbrowska, E., Fusaroli, R., Højen, A., Bleses, D., **Johansson, C.** & Christiansen, M.H. 2019. The Puzzle of Danish, *SALC7*, Aarhus, May 22-24.
23. Dideriksen, C., Fusaroli, R., **Johansson, C.**, Tylén, K. & Christiansen, M.H. 2019. Kill or tap? Left or right? Preliminary results from a study on dialogue differences in task oriented and spontaneous conversations, *SALC7*, Aarhus, May 22-24.
24. Ishkhanyan, B., Trecca, F., Højen, A., Bleses, D., Johansson, C., Tylén, K. & Christiansen, M.H. 2019. Has she sent or lit an email? Preliminary results of a Danish and Norwegian categorical perception study, *SALC7*, Aarhus, May 22-24.
25. **Johansson, C.** 2019. The probabilistic Gricean, *SALC7*, Aarhus, May 22-24. (poster)

26. Larsen, T. & **Johansson, C.** 2019. Processing Empty Categories in Norwegian, SALC7, Aarhus, May 22-24. (poster)
27. Lembke, C.-S., Folgerø, P. Andresen, A.E. & **Johansson, C.** 2019. Prototypes and recognition of self, SALC7, Aarhus, May 22-24. (poster)
28. **Johansson, C.**, Rugaard, E. & Asperheim, H.D. 2019. Low Cost of Code Switching, *Conference on Multilingualism*. 2/9.

Other

Member of several evaluation committees, locally in Bergen, nationally in Norway, and in Denmark.

MC Member of COST ACTION IS1401-ELN (2012 ...2018) (ralves@fpce.up.pt)

Member of the Board (programstyret) for Cognitive Science in Bergen (~2003 ... present) (Liv.Bugge@uib.no)

Member of the College of Sensors in Denmark (~2003 ... present) (hartmut@ruc.dk)

Member of the Review Panel: Riksbankens Jubileumsfond, Stockholm. (annalena.hallner@rj.se)

Docent of Computational Linguistics, 2005. Lund University, Sweden

Colaborator EU Baltic States, EMP475:Academic Writing in the Baltic States:(PIs: Djuddah Leien djuddah.leijen@ut.ee & Anni Jyrine anni.jyrine@ut.ee)

Supervised Ph.D. (Main supervisor / equal shared supervisor)

Anders Nøklestad 2009. A Machine Learning Approach to Anaphora Resolution Including Named Entity Recognition, PP Attachment Disambiguation, and Animacy Detection, <https://www.duo.uio.no/handle/10852/26326>

Gard Buen Jensen 2010. A Corpus-based Study on the Evolution of There: Statistical analysis and Cognitive interpretation, <https://bora.uib.no/handle/1956/4444>

Vibeke Rønneberg 2018. «My Spelling is Wobbly» – Causes and consequences of word-level disfluencies in written composition, <http://bora.uib.no/handle/1956/17692>

Supervised MA 2013 .. 2018:

Irine Bih Suh Espe Fuh 2013. *Priming between Second Languages (French, English) with a very different First Language (Ngemba)*.

Magnus Bakken. 2013. A psycholinguistically plausible alternative to the standard pipeline in Natural Language Processing (supervised with Lars Johnsen).

Christina Stremme 2014. *A study of cross-linguistic form and meaning priming through reaction times in lexical decision tasks*.

Julie Sverresen 2016. *Priming adult beginner learners: A study of cross-linguistic lexical priming in German and Spanish learners of Norwegian*.

Eli Ruugard 2016. *Balancing Bilingualism down the Garden Path*.

Klaas Römer 2016. *Study on Brand Names by use of Lexical Recognition Tasks*.

Tori Larsen 2017. *Control and Raising: Gone with(out) a trace*.

Joakim Vea 2017. *Why the Child cannot be happy*.

Faculty Opponent on Doctoral Theses

Kamila E. Sip 2009. *Neuroimaging of deception in social interaction and lie-detection*, Aarhus University

Kristina Nilsson 2010. Hybrid methods for coreference resolution in Swedish, Stockholm University

Relevant administrative position

1. **Program-evaluator** for BA in **Translation Studies, UiA**. 2015. (with Erik Skuggevik)

2. **Director of Studies** (Fagkoordinator), UiB. We have rotating schedule, and I have had this position 4 times since 2001. I was in charge of reforming the course program, during a period of large changes around 2008 to 2012, which resulted in a more streamlined course offering. We closed down several courses with too few students and made adapted courses to attract language students in general. This resulted in better resource use, and a rise in student number for several courses. Several of my own courses went from a handful students to 30 or 40 students.

3. **Program Director** / Programkoordinator, UiB. 2017 - 2018

4. **Member of the Institute Advisory Board** (instituttrådet) in rotating period. Member since ~2016.

Follow me on:

ResearchGate: https://www.researchgate.net/profile/Christer_Johansson4

LinkedIn: <https://www.linkedin.com/in/christer-johansson-5937891>

CRISTIN (Research Documentation, Norway):

<https://www.cristin.no/as/WebObjects/cristin.woa/wa/personVis?type=PERSON&instnr=184&bruker=hlicj>