

Curriculum Vitae

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Lars Hellan

Professor in General Linguistics
 Department of Language and Literature
 Norwegian University of Science and Technology (NTNU)
 N-7491 Trondheim, Norway

Degrees:

Mag. art. 1971, University of Oslo
 Dr. Philos. 1981, University of Trondheim

Positions:

1972-1980, amanuensis, Linguistics Dept, University of Trondheim
 1980-1987, 1. amanuensis, Linguistics Dept, University of Trondheim
 1987-2015, Professor, Linguistics Dept (later called 'Department of Language and Communication Studies', presently 'Dept of Language and Literature'), University of Trondheim (presently called NTNU)
 2015- , Emeritus Professor

Recent administrative duties:

2006-2012 Vice-head and study director of the department
 2009 -2012 Head of the National Council of Linguistic subjects ('Nasjonalt fagråd for lingvistiske fag')

Stays abroad, as Visiting Scholar:

Spring 1974: Subfaculty of Philosophy, Oxford University
 Fall 1974 - Spring 1975: Linguistics Dept., Univ. of Massachusetts, Amherst
 Fall 1979 - Spring 1980: Linguistics Dept., Univ. of Massachusetts, Amherst
 Fall 2000 - Spring 2001: CSLI and Linguistics Dept., Stanford University, Stanford
 Spring 2008: Computer Laboratory, Cambridge University

Books and monographs:

Toward an Integrated Theory of Noun Phrases, doctoral diss., Univ. of Trondheim, unpublished, 1981
Toward an Integrated Theory of Comparatives, Gunther Narr Verlag, Tübingen, 1981
Topics in Scandinavian Syntax (ed, with Kirsti Koch Christensen), Reidel Publ. Co, Dordrecht, 1986
Anaphora in Norwegian and the Theory of Grammar, Foris Publ., Dordrecht, 1988
Topics in South Slavic Syntax and Semantics (ed. with Mila Dimitrova-Vulchanova), John Benjamins Publ. Co., Amsterdam, 1999
Proceedings from the HPSG conference 2001 (ed., with Frank van Eynde and Dorothee Beermann), NTNU, CSLI on-line publications
Proceedings from the TROSS Workshop on Multi-Verb constructions (ed., with Dorothee Beermann), 2003, NTNU, on-line publication
[*Identifying Verb Constructions Cross-linguistically*](#) (with Mary Esther Kropp Dakubu), 2010. *SLAVOB series* Univ. of Ghana.
Valency in European Languages (main ed., with Andrej Malchukov and Michela Cannamo; John Benjamins Publ. Co., Amsterdam, 2017)

Project leader:

Central Features of Scandinavian Syntax ("Sentrale trekk i nordisk syntaks"), sponsored by NAVF (The Norwegian Council for Research), 1984-1987
The Trondheim Linguistic Lexicon (TROLL), sponsored by NAVF (The Norwegian Council for Research), the construction of a large scale computational lexical resource for Norwegian, 1986-1991
Reflexive Clitics and Argument Structure, sponsored by NAVF (The Norwegian Council for Research), in collaboration with EURO TYP, 1991-1995.
 Site coordinator for a *Clitics* subproject of *EUROTYP*, sponsored by European Science Foundation, 1991-1996.
NORDLEX, sponsored by NOS-H, comparative computational lexicography for four Scandinavian languages, including partners from Iceland, Denmark, Sweden, Norway, 1992-1995

Computational Lexicography, Typology, and Adult Literacy (“The Legon-Trondheim Linguistics Project”) in cooperation with the University of Ghana, sponsored by NUFU, for the periods 1996-2000, 2002-2007, and 2007-2009.¹

(as subcoordinator) ”The Trondheim-Sofia Corpus of Old Slavic”, 1996-1999.

NorSource, a project towards the construction of a large scale resource HPSG grammar and lexicon of Norwegian, built with the engineering platform LKB. Part of *DeepThought*. Started fall 2001 -, still actively pursued.²

Site coordinator in the EU project *DeepThought* ("Hybrid deep and shallow methods in information extraction"), 2002-2004.

Scandinavian Matrix, a project with 4 Scandinavian countries within grammar engineering, sponsored by NorFa. 2002-2004.

Site coordinator in *LOGON*, cooperation between the universities of Oslo, Bergen and Trondheim on Machine Translation, sponsored by NFR under the KUNSTI programme. 2003-2007.

JaNoGram - cooperation in Norwegian and Japanese Grammar Engineering, especially in Machine Translation Norwegian-Japanese, sponsored by NFR, on the program BILAT. 2006-2007.

MaLEX –“Malawi Lexicon Project”, computational documentation of three Malawian languages, in cooperation with the University of Malawi, sponsored by NUFU, for the period 2007-2012.³

Acquisition of Nouns for Language Processing, a pilot project towards automatic acquisition of nouns for a computational lexicon, sponsored by NFR on the KUNSTI programme, 2007-2008.

Typology of Prepositions and their Semantic Equivalents, a pilot project towards establishing a library of a computationally usable semantic representations of prepositions and their equivalents cross-linguistically, sponsored by NFR on the KUNSTI programme, 2007-2008.

Construction Labeling, a typological project on verb construction classification. 2007 -.⁴

TypeGram, a project on the construction of a ‘universal’ computational grammar. 2008 -.⁵

A Norwegian Grammar Sparrer, an online L2-learning environment using *NorSource* (see above), sponsored by NTNU. 2011-

A Multilingual Valence Lexicon, a pilot project. 2012 -.⁶

Editorial and other boards

1980-1995 *Linguistic Inquiry*

1995- *Studia Linguistica*

1998- *Journal of African Languages and Literature (JALL)*

1984-1995 *GLOW Board*

2001- *HPSG Organizational Board*

2006- *DARC (Discourse Anaphora Resolution Conference) Board*

2009- *TypeCraft advisory board*

2014- *NACLO/ELCLO program committee*

2015- *CORBON program committee* (and many other conference committees)

International conference series initiated (in all cases jointly with colleagues) :

Comparative Germanic Syntax Conference, started in Trondheim 1984, since then arranged annually at various places in Europe and USA

Formal Syntax of South Slavic Languages (FASSL), started 1994, in Plovdiv, since then arranged annually or biannually

Asia GLOW, started in 1998, Hyderabad, since then arranged annually throughout Asia

¹ http://typecraft.org/tc2wiki/The_Legon_Trondheim_Linguistics_Project

² http://typecraft.org/tc2wiki/Norwegian_HPSG_grammar_NorSource

³ http://typecraft.org/tc2wiki/The_MaLex_Project

⁴ See monograph 2010.

⁵ http://typecraft.org/tc2wiki/A_Norwegian_Grammar_Sparrer

⁶ http://typecraft.org/tc2wiki/Multilingual_Verb_Valence_Lexicon

Recent articles:

- To appear. Situation Types in Grammar.
- To appear. Grammar as a symbolic system.
- To appear. Unification and selection in Light Verb Constructions. A study of Norwegian.
2017. with Malchukov, Andrej; Cennamo, Michela. Introduction: [Issues in contrastive valency studies](#). In Hellan et al. eds. 2017 Contrastive Studies in Verbal Valency.
2017. A design for the analysis of bare nominalizations in Norwegian. In: A. Malicka-Kleparska & M. Bloch-Trojnar (eds) *Aspect and Valency in nominals*. Berlin: Mouton de Gruyter.
2017. with M.E.K. Dakubu. [A labeling system for valency](#). In: Hellan et al. eds. 2017 Contrastive Studies in Verbal Valency.
2016. with Dorothee Beermann. [Switched Control and other 'uncontrolled' cases of obligatory control](#). HeadLex conference proceedings.
- 2016 with [Dorothee Beermann](#)¹ · [Tormod Haugland](#)¹ [Quantitative and Qualitative Analysis in the work with African Languages](#) LREC 2016.
2016. With: [S. Muzaffar](#) · [P. Behera](#) · [G.N. Jha](#) · [D. Beermann](#): [The TypeCraft natural language database: Annotating and incorporating Urdu](#) LREC 2016.
- 2015 A cluster of applications around a Deep Grammar. LTC 2015, Poznan
2014. With: [Girish Nath Jha](#) · [Dorothee Beermann](#) · [Esha Banerjee](#): [Indian languages on the TypeCraft platform – the case of Hindi and Odia](#)
- 2014: with D. Beermann, T. Bruland, M.E.K. Dakubu, and M. Marimon (2014) MultiVal: Towards a multilingual valence lexicon. *LREC 2014*.
- 2013a: with Tore Bruland, Elias Aamot, Mads H. Sandøy: A Grammar Sparrer for Norwegian. Proceedings of NoDaLiDa 2013.
- 2013b: with Tore Bruland: Towards a Multilingual Database of Verb Valency. Proceedings of NoDaLiDa 2013.
- 2013c: with Dorothee Beermann and Tore Bruland (2013). A multilingual valence database for less resourced languages. In *Human Language Technologies*. Poznan: Fundacja Uniwersytetu im. A. Mickiewicza 2013 ISBN 978-83-932640-3-2. s. 50-54, Poznan.
- 2011: with Dorothee Beermann. Inducing grammar from IGT. In *Human Language Technologies as a Challenge for Computer Science and Linguistics. Proceedings, 5th LTC*. Z. Vetulani (ed.), Poznan.
- 2010: From Descriptive Annotation to Grammar Specification. *ACL 2010*, Uppsala, Linguistic Annotation Workshop 4 (LAW4).
- 2009: with Mary Esther Kropp Dakubu. 2009: A methodology for enhancing argument structure specification. In: *Proceedings from the 4th Language Technology Conference (LTC 2009)*, Poznan.
- 2008a: [From Grammar-Independent Construction Enumeration to Lexical Types in Computational Grammars](#). Paper presented at COLING, Workshop on *Grammar Engineering Across Frameworks (GEAF)*, Manchester, August 2008.
- 2008b: with Dorothee Beermann and Kalyanamalini Sahoo. "What is *Argument Sharing*? A case study on argument sharing under VP serialization in Oriya", Bayer, Josef, (ed) *Festschrift for K. Jayaseelan*, Benjamins, Amsterdam.
- 2007b: with Dakubu, M.E.K., and D. Beermann. Verb Sequencing Constraints in Ga: Serial Verb Constructions and the Extended Verb Complex. In St. Müller (ed) *Proceedings of the 14th International Conference on Head-Driven Phrase Structure Grammar*. CSLI Publications, Stanford. (<http://csli-publications.stanford.edu/>)
- 2007a. On 'Deep Evaluation' for Individual Computational Grammars and for Cross-Framework Comparison. In: T.H. King and E. M. Bender (eds) *Proceedings of the GEAF 2007 Workshop*. CSLI Studies in Computational Linguistics ONLINE. CSLI Publications. <http://csli-publications.stanford.edu/>
- 2006a. with D. Beermann. Word Sense and Semantic Disambiguation of Constructions in a Deep Processing Grammar. *Proceedings of the 5th International Conference on Language Resources and Evaluation (LREC 2006)*. Paris, France: European Language Resources Association 2006, ISBN 2-9517408-2-4.
- 2006b. with D. Beermann. The 'specifier' in an HPSG grammar implementation of Norwegian. [Proceedings of the 15th NODALIDA conference, Joensuu 2005](#) ed. by S. Werner. Ling@JoY: University of Joensuu electronic publications in linguistics and language technology 1. Joensuu 2006.
- 2005a. with Dorothee Beermann. Classification of Prepositional Senses for Deep Grammar Applications. In: Valia Kordoni and Aline Villavicencio (eds.): *Proceedings of the 2nd ACL-Sigsem Workshop on The Linguistic Dimensions of Prepositions and their Use in Computational Linguistics Formalisms and Applications, Colchester, United Kingdom, ACL-Sigsem, 2005*

- 2005b. Implementing Norwegian Reflexives in an HPSG Grammar. In St. Müller (ed) *Proceedings of the 12th International Conference on Head-Driven Phrase Structure Grammar*. CSLI Publications, Stanford. (<http://csli-publications.stanford.edu/>)
- 2004a: with Dorothee Beermann, Jon Atle Gulla and Atle Prange. Trailfinder: a case study in extracting spatial information using deep language processing. In Ton van der Wouden, Michaela Poss, Hilke Reckman, and Crit Cremers (eds) *Computational Linguistics in the Netherlands 2004: Selected papers from the fifteenth CLIN meeting*, pp. 121-131, Leiden, Netherlands, 2004.
- 2004b: with Dorothee Beermann. A treatment of directionals in two implemented HPSG grammars. In Stefan Müller (ed) *Proceedings of the HPSG04 Conference*, Katholieke Universiteit Leuven. CSLI Publications /<http://csli-publications.stanford.edu/> 357-377.
- 2004c: with Jan Tore Lønning, Stephan Oepen, Dorothee Beermann, John Carroll, Helge Dyvik, Dan Flickinger, Janne Bondi Johannessen, Paul Meurer, Torbjørn Nordgård, Victoria Rosén, and Erik Velldal. LOGON. A Norwegian MT effort. In *Proceedings of the Workshop in Recent Advances in Scandinavian Machine Translation*, Uppsala, Sweden, 2004.
- 2003: with P. Haugereid. The NorSource Grammar - an exercise in the Matrix Grammar building design. In: Emily Bender, Dan Flickinger, Frederik Fouvry, and Melanie Siegel (eds) *Proceedings of Workshop on Ideas and Strategies for Multilingual Grammar Engineering*, ESSLLI 2003.

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- 2013- *MultiVal* - a multilingual valence lexicon - http://typecraft.org/tc2wiki/Multilingual_Verb_Valence_Lexicon
- 2011- *Norwegian Grammar Sparrer* - an online Language Tutoring tool, accessed at http://typecraft.org/tc2wiki/A_Norwegian_Grammar_Sparrer; this tool can give exact diagnosis for grammatical errors present in input sentences, and from the ungrammatical input, generate suggestions for how the sentence submitted *should* have been formed.
- 2002- *NorSource* – a large computational LKB HPSG Grammar for Norwegian (http://www.typecraft.org/tc2wiki/Norwegian_HPSG_grammar_NorSource)
- 2009-2012 *TypeGram* – a multilingual LKB system for verb construction types
- 2009 A package of phenomena-oriented LKB grammars. Class material
- 2005 *GaGramm* - a small computational LKB HPSG Grammar for Ga

Prizes received

- 2008 NTNU's Internasjonaliseringspris ('NTNU's prize for Internationalization')

PhD students since 2008 (three of them with D. Beermann as co-supervisor, one with J.A. Gulla, one with J. Abrahamsen, one with M.E.K. Dakubu as co-supervisor)

- Gautam Borah 2008 (current position Tezpur University, Assam, India)
- Tesfaye Wondwosen 2008 (current position University of Addis Ababa, Ethiopia)
- Getahun Amare 2009 (current position University of Addis Ababa, Ethiopia)
- Bedilu Wakjira 2010 (current position University of Addis Ababa, Ethiopia)
- Petter Haugereid 2011 (current position University of Bergen)
- Ota Ogie 2011 (current position Independent academic, Trondheim)
- Jonathan Brindle 2012 (current position PostDoc NTNU)
- Tore Bruland 2013 (current position FFI, Kjeller)
- Winfred Mkochi 2014 (current position University of Malawi)