Curriculum Vitae Gerold Schneider, 2008

OFFICE 1: University of Zurich
English Department
Plattenstrasse 47, CH - 8032 Zürich

OFFICE 2: University of Zurich
Institute of Computational Linguistics
Binzmühlestrasse 14, CH - 8050 Zürich

PRIVATE: Rychenbergstr. 381
CH - 8404 Winterthur
gschneid@ifi.uzh.ch
gschneid@es.uzh.ch
gschneid@cl.uzh.ch
http://www.ifi.uzh.ch/CL/gschneid/

UNIVERSITY EDUCATION	◇ Lizentiat (equivalent to M.A.), University of Zurich English Literature and Linguistics (major subject), Computational Linguistics (1st subsiduary), Comparative Linguistics (2nd subsiduary)	1991 – 1999
	◇ Doctoral Student in Computational Linguistics, University of Zurich	2000 – 2006
	Conferral (insigni cum laude)	December 2006
	Publication	2008
SCIENTIFIC WORK	◇ University assistant	1995 – 1998
	◇ Part-time project staff member (research assistant) at Zurich University in Swiss NSF project for the Question Answering (QA) system ExtrAns http://www.ifi.uzh.ch/CL/ExtrAns/	1999 – 2000
	◇ Symex AG, Zurich. IT Consultant, Technical Writer, Translator	1999 – 2000
	◇ Part-time project staff member (research assistant) at Geneva University in Swiss NSF project on document classification	2000 – 2004
	◇ Part-time project staff member (research assistant) at Zurich University in European Semantic Web project REWERSE http://www.ifi.uzh.ch/attempto/home/index.html	2004 – 2005
	◇ Computer scientist (Wissenschaftlicher Informatiker) at the Department of English, University of Zurich	since 2004
	◇ Doctoral Thesis: *Hybrid Long-Distance Functional Dependency Parsing* http://www.ifi.uzh.ch/CL/gschneid/parser/	2000 – 2006
	Conferral (insigni cum laude, the 2nd highest distinction)	December 2006
	Publication	2008
	◇ Part-time research staff member (Oberassistent) at the Institute of Computational Linguistics, University of Zurich	2007
	◇ Part-time project staff member (senior researcher) at Zurich University in Swiss NSF project OntoGene http://www.ifi.uzh.ch/OntoGene/	2008 – 2009
PEDAGOGICAL WORK	◇ School teacher for English and Computing Science	1994 – 1996
	◇ University lecturer	since 1999
	· Lectures and seminars taught in Zurich	since 1999
	– Formal Grammars and Syntax	1999 – 2002
	– Lexicology and Morphology	2000 – 2002, 2005
	– Corpus Linguistics and Computational Linguistics	2003
	– Dependency Grammar Parsing	2003 – 2006
	– Corpus Linguistics (with Hans Martin Lehmann)	2006
	– Parsing Technology	2006/2007

– Syntactic Theories (with Hans Martin Lehmann)	2006/2007
– Lexicogrammar (with Hans Martin Lehmann)	2007
· Courses taught in Geneva	2000 – 2004
– Prolog Programming (with Paola Merlo)	2000 – 2002
– Perl Programming and Empirical Methods in CL (with Eric Joanis)	2003 – 2004

· Distance learning courses taught at Fernfachhochschule Schweiz (http://www.ffhs.ch):

– Non-Imperative Programming (Nicht-imperative Programmierung)	2004 – 2006
– Theory of Computation (Theoretische Informatik)	since 2007
– Functional and Logical Programming	since 2007
– Semantic Web	since 2008

SKILLS

⬦ Teaching

- · Extensive university and school level teaching experience, in German, English and French
- · Practical experience with distance education, both from Fernfachhochschule Schweiz and University of Zurich

⬦ Languages

- · German (mother tongue)
- · English (excellent): Proficiency Grade A, main University subject
- · French (advanced): Maturité Type D, assistant and teacher in Geneva
- · Italian (fluent): Maturità Tipo D
- · Danish (fluent, University diploma)
- · Swedish (basic)
- · Spanish (very basic)

⬦ Programming Languages: Prolog, Perl, Mathematica. Basic knowledge of Java, C/C++, Lisp, Haskell, and Pascal

⬦ System administration

- · User and system administrator experience on UNIX, Linux, Mac OS X and Windows 2000/XP. Web page designing.

PEER-
REVIEWED
PUBLICA-
TIONS

Gerold Schneider, Kaarel Kaljurand and Fabio Rinaldi, 2009. "Detecting Protein-Protein Interactions in Biomedical Texts using a Parser and Linguistic Resources". **Best Paper Award (2nd place)**. Proceedings of CICLing 2009, Mexico City. Springer LNC 5449.

Hans-Martin Lehmann and Gerold Schneider, 2008. "Parser-Based Analysis of Syntax-Lexis Interaction". Proceedings of International Corpus Archive of Modern and Medieval English Conference (ICAME 2008), Ascona, Switzerland.

Gerold Schneider, 2008. Hybrid Long-Distance Functional Dependency Parsing. Doctoral Thesis. Institute of Computational Linguistics, University of Zurich.

Thomas Kappeler, Simon Clematide, Kaarel Kaljurand, Gerold Schneider, Fabio Rinaldi, 2008. "Towards Automatic Detection of Experimental Methods from Biomedical Literature". Proceedings of the Third International Symposium on Semantic Mining in Biomedicine (SMBM 2008), Turku, Finland.

Fabio Rinaldi, Gerold Schneider, Kaarel Kaljurand, 2008. "Tools for detection of Protein Interactions in Biomedical Literature". Proceedings of Genome to Systems Conference, Manchester, UK.

Fabio Rinaldi, Gerold Schneider, Kaarel Kaljurand, Michael Hess, 2008. "Dependency-Based Relation Mining for Biomedical Literature". Proceedings of LREC 2008, Marrakech, Morocco.

Fabio Rinaldi, Thomas Kappeler, Kaarel Kaljurand, Gerold Schneider, Manfred Klenner, Simon Clematide, Michael Hess, Jean-Marc von Allmen, Pierre Parisot, Martin Romacker, Therese Vachon, 2008. "OntoGene in BioCreative II". Genome Biology, S13, 9.

Andreas H. Jucker, Gerold Schneider, Irma Taavitsainen, Barb Breustedt, 2007. "Fishing for compliments: Precision and recall in corpus-linguistic compliment research". Speech Act History of English (Pragmatics & Beyond New Series). John Benjamins, Amsterdam/Philadelphia.

Gerold Schneider, Kaarel Kaljurand, Fabio Rinaldi, Tobias Kuhn, 2007. "Pro3Gres Parser in the CoNLL Domain Adaptation Shared Task". In Proceedings of the CoNLL Shared Task Session of EMNLP-CoNLL 2007, Prague, June 2007.

Fabio Rinaldi, Thomas Kappeler, Kaarel Kaljurand, Gerold Schneider, Manfred Klenner, Michael Hess, Jean-Marc von Allmen, Martin Romacker, Therese Vachon, 2007. "OntoGene in Biocreative II". In Proceedings of Second BioCreAtIvE Challenge Workshop (Critical Assessment of Information Extraction in Molecular Biology), Madrid, April 2007.

Fabio Rinaldi, Gerold Schneider, Kaarel Kaljurand, Michael Hess, Christos Andronis, Ourania Konstanti, and Andreas Persidis, 2007. "Mining of Functional Relations between Genes and Proteins over Biomedical Scientific Literature using a Deep-Linguistic Approach". Journal of Artificial Intelligence in Medicine, 39:127 – 136.

Fabio Rinaldi, Gerold Schneider, Kaarel Kaljurand, Michael Hess, 2006. Tools for Text Mining over Biomedical Literature. In Proceedings of ECAI2006, 825–826.

Fabio Rinaldi, Gerold Schneider, Kaarel Kaljurand, Michael Hess, and Martin Romacker, 2006. "An Environment for Relation Mining over Richly Annotated Corpora: the case of GENIA". BMC Bioinformatics, 7(Suppl. 3):S3.

Fabio Rinaldi, Gerold Schneider, Kaarel Kaljurand, Michael Hess, and Martin Romacker, 2006. "An Environment for Relation Mining over Richly Annotated Corpora: the Case of GENIA". In: Proceedings of SMBM06: 2nd International Symposium on Semantic Mining in Biomedicine, Jena, Germany.

Norbert E. Fuchs, Kaarel Kaljurand, Gerold Schneider, 2006. "Attempto Controlled English Meets the Challenges of Knowledge Representation, Reasoning, Interoperability and User Interfaces". In: Proceedings of the 19th International Florida Artificial Intelligence Research Society (FLAIRS 2006), Melbourne Beach, May 11-13, FL.

Gerold Schneider, 2005. "A broad-coverage, representationally minimal LFG Parser: chunks and F-structures are sufficient". In Mriam Butt and Traci Holloway King, eds.: Proceedings of the 10th international LFG Conference (LFG 2005), Bergen, Norway. CSLI.

Fabio Rinaldi, Gerold Schneider, Kaarel Kaljurand, Michael Hess, Christos Andronis, Andreas Persidis, Ourania Konstanti, 2005. "Relation Mining over a Corpus of Scientific Literature". In: Proceedings of AIME 2005, July 2005, Aberdeen, Scotland. Springer Verlag, LNAI 3581, pp. 550-559.

Norbert E. Fuchs, Stefan Höfler, Kaarel Kaljurand, Fabio Rinaldi, Gerold Schneider, 2005. "Attempto Controlled English: A Knowledge Representation Language Readable by Humans and Machines". In: Reasoning Web, First International Summer School 2005. Springer Verlag, LNCS 3564.

Gerold Schneider, Fabio Rinaldi, Kaarel Kaljurand, Michael Hess, 2005. "Closing the Gap: Cognitively Adequate, Fast Broad-Coverage Grammatical Role Parsing". In: Proceedings of the 2nd International Workshop on Natural Language and Cognitive Science (NLUCS-2005), Miami, FL.

Fabio Rinaldi, Elia Yuste, Gerold Schneider, Michael Hess, 2005. "Exploiting Technical Terminology for Knowledge Management". In Ontology Learning and Population, Paul Buitelaar, Philipp Cimiano, Bernardo Magnini (editors). IOS Press.

Julie Weeds, James Dowdall, Gerold Schneider, Bill Keller and David Weir, 2005. "Using Distributional Similarity to Organise BioMedical Terminology". In Terminology, 11(1).

Gerold Schneider, Fabio Rinaldi, Kaarel Kaljurand and Michael Hess, 2004. "Steps towards a GENIA Dependency Treebank". In: Proceedings of Treebanks and Linguistic Theories (TLT 2004), December 2004, Tübingen, Germany.

Fabio Rinaldi, Gerold Schneider, Kaarel Kaljurand, James Dowdall, Christos Andronis, Andreas Persidis, Ourania Konstanti, 2004. "Mining Relations in the GENIA corpus". In: Proceedings of the second workshop on Data Mining and Text Mining for Bioinformatics. Pisa, Italy.

Gerold Schneider, Fabio Rinaldi, and James Dowdall, 2004. "A Fast, Deep-Linguistic Statistical Dependency Parser". In: Coling 2004 Workshop on Recent Advances in Dependency Grammar.

Gerold Schneider, James Dowdall and Fabio Rinaldi, 2004. "A Robust and Deep-Linguistic Theory Applied to Large-Scale Parsing". In: Coling 2004 Workshop on Robust Methods in the Analysis of Natural Language Data (ROMAND 2004).

Gerold Schneider, 2004. "Combining Shallow and Deep Processing for a Robust, Fast, Deep-Linguistic Dependency Parser". In: ESSLLI 2004 Workshop on Combining Shallow and Deep Processing for NLP (ComShaDe 2004).

Fabio Rinaldi, James Dowdall, Gerold Schneider, Andreas Persidis, 2004. "Answering Questions in the Genomics Domain". In: ACL 2004 Workshop on Question Answering in Restricted Domains. Barcelona.

James Dowdall, Fabio Rinaldi, Andreas Persidis, Kaarel Kaljurand, Gerold Schneider, Michael Hess, 2004. "Terminology expansion and relation identification between genes and pathways". Workshop on Terminology, Ontology and Knowledge Representation. Université Jean Moulin (Lyon 3), Lyon.

Gerold Schneider, 2003c. "Learning to Disambiguate Syntactic Relations". Linguistik Online 17 (5/03), Learning and Teaching in Computational Linguistics.

James Henderson, Paola Merlo, Gerold Schneider and Eric Wehrli, 2003. "Using Natural Language Processing in Visualizing Text Collections". Linguistik Online 17 (5/03), Learning and Teaching in Computational Linguistics.

Gerold Schneider, 2003b. "Extracting and Using Trace-Free Functional Dependencies from the Penn Treebank to Reduce Parsing Complexity". In: Proceedings of Treebanks and Linguistic Theories (TLT 2003),Växjö, Sweden.

Gerold Schneider, 2003a. "A low-complexity, broad-coverage probabilistic Dependency Parser for English". In: Proceedings of NAACL/HLT 2003 Student session, Edmonton, Canada.

James Henderson, Paola Merlo, Ivan Petroff and Gerold Schneider, 2002b. "Using Syntactic Analysis to Increase Efficiency in Visualizing Text Collections". In: Proceedings of COLING 2002, Taipeh, Taiwan.

James Henderson, Paola Merlo, Ivan Petroff and Gerold Schneider, 2002a. "Using NLP to Efficiently Visualize Text Collections with SOMs". In: Proceedings of the 3rd International Workshop on Natural Language and Information Systems (NLIS 2002), Aix-en-Provence, France.

Fabio Rinaldi, Michael Hess, Diego Mollà, Rolf Schwitter, James Dowdall, Gerold Schneider and Rachel Fournier, 2002. "Answer Extraction in Technical Domains". In: Proceedings of CICLing-2002, Mexico City. Lecture Notes in Computer Science (LNCS), Springer-Verlag.

Diego Mollà, Gerold Schneider, Rolf Schwitter and Michael Hess, 2000. "Answer Extraction Using a Dependency Grammar in ExtrAns". In: Traitement Automatique de Langues (T.A.L.), Special Issue on Dependency Grammar.

Gerold Schneider, Diego Mollà und Michael Hess, 1999. "Inkrementelle minimale logische Formen für die Antwortextraktion". In: Proceedings of 34th Linguistic Colloquium, University of Mainz, FASK.

Gerold Schneider and Martin Volk, 1998. "Adding Manual Constraints and Lexical Look-Up to a Brill-Tagger for German". In: Proceedings of ESSLLI 1998 Workshop: Recent Advances in Corpus Annotation, Saarbrücken.

Martin Volk and Gerold Schneider, 1998. "Comparing a Statistical and a Rule-Based Tagger for German". In: Proceedings of Konvens 1998, Bonn.