

Curriculum Vitae

Zdeněk Žabokrtský

PERSONAL DATA

- Date of birth: January 2, 1977
- Place of birth: Rychnov nad Kněžnou
- Nationality: Czech
- Address: Nové domy 1713, Rychnov nad Kněžnou, 516 01, Czech Republic

EDUCATION & ACADEMIC CAREER

- 2011 doc., Faculty of Mathematics and Physics, Charles University in Prague, habilitation thesis “From Treebanking to Machine Translation”
- 2005 Ph.D. in Computational Linguistics, Faculty of Mathematics and Physics, Charles University in Prague, thesis “Valency Lexicon of Czech Verbs”
- 2001 Ing. (equiv. level of M.S.) in Computer Science, Faculty of Electrical Engineering, Czech Technical University, Prague, with honours, thesis “Automatic Functor Assignment in the Prague Dependency Treebank”

CURRENT AFFILIATION

- since March 2011 an associate professor at the Institute of Formal and Applied Linguistics, Faculty of Mathematics and Physics, Charles University in Prague (employed as a researcher since 2001)

RESEARCH INTERESTS

- machine translation, dependency syntax, treebanking, parsing, valency of verbs, computer lexicography, coreference resolution, machine learning

PARTICIPATION IN RESEARCH PROJECTS

- VZ MSM0021620838 - Moderní metody, struktury a systémy
- 1ET101120503 - Integrace jazykových zdrojů za účelem extrakce informací z přirozených textů
- LC536 - Moderní metody, struktury a systémy informatiky

TEACHING

- NPFL104 – Machine Learning Exercises, summer semester 2013
- NPFL097 – Selected Problems in Machine Learning, winter semesters 2011-2013
- NPFL 092 – Technology for Natural Language Processing, winter semester, 2011-2013, MFF UK
- NPFL 070 – Zdroje lingvistických dat I / Language resources I, MFF UK, winter semesters 2004-2010, summer semester 2011-2013, MFF UK
- NPFL 076 – Zdroje lingvistických dat II / Language resources II, MFF UK, summer semesters 2006-2009, MFF UK
- NPFL 077 – Doktorandský seminář - prezentace výsledků / Presenting scientific results for postgraduates, MFF UK, 2007-2009.
- 0POPJ1 – Počítače a přirozený jazyk I / Computers and natural language I, FJFI ČVUT (Faculty of Nuclear Sciences and Physical Engineering, Czech Technical University), winter semester 2006/2007
- 0POPJ2 – Počítače a přirozený jazyk II / Computers and natural language II, FJFI ČVUT, summer semester 2006/2007

PARTICIPATION IN INTERNATIONAL STUDY PROGRAMS

- Language and Communication Technology - Erasmus Mundus Masters Program

SUPERVISION OF STUDENTS

- 2001-2003 Student software project Orakulum (treebank search engine)
- 2012-2013 Student software project SysNERV (System for Named Entity Recognition and Visualization)
- 2003-2006 Master student Jan Ptáček
- 2007-2008 Master student David Mareček
- 2007-2009 Master student Jan Rouš
- 2008-2009 Master student Martin Popel
- 2009-2011 Master student Fahim Salim
- 2009-2011 Master student Peter Fabián
- 2009-2010 Master student Michal Novák
- 2011-2012 Master student Martin Majliš
- since 2013 Václav Honzík (Czech Technical University)
- since 2008-2012 PhD student David Mareček
- since 2010-2013 PhD student Nathan Green
- since 2009 PhD student Martin Popel
- since 2010 PhD students Michal Novák and Loganathan Ramasamy
- since 2013 PhD student Rudolf Rosa

ACADEMIC SERVICE

- In 2012 member of Editorial Board of Journal of Language Modelling
- Reviewing conference papers: ACL 2013, DepLing 2013, MTT 2013, COLING 2012, SRW ACL in 2010, 16th European Conference on Artificial Intelligence in 2004, COLING-ACL in 2006, CICLing in 2008, CICLing in 2010
- In 2007, member of the Local Organization Committee of the Association of Computational Linguistics annual conference, Conference on Empirical Methods on Natural Language Processing and parallel workshops, personally responsible for the local organization of 20 poster sessions
- Reviewing papers for Special Issue of Prague Bulletin of Mathematical Linguistics on Machine Translation in 2010, 2012
- Reviewing papers for Week of Doctoral Studies, MFF UK in Prague, 2002-2004, 2011-2013

STUDY AND RESEARCH STAYS ABROAD

- Department of International Business Communication, Copenhagen Business School, 4 weeks in 2012
- Department of Computational Linguistics, University of Saarbruecken (Germany), two weeks in 2002, two weeks in 2003, three weeks in 2004, two weeks in 2005, two weeks in 2006, two weeks in 2007
- Jožef Stefan Institute, Department of Intelligent Systems, Ljubljana (Slovenia), one month in 2000, two weeks in 2001, two weeks in 2003
- Department of Mathematics, University of Patras (Greece), three months in 2000
- Fuzzy Logic Laboratory, J. Kepler University, Linz (Austria), one month in 1999, two weeks in 2000
- Institute for Communicationg and Collaborative Systems, University of Edinburgh (GB), two weeks in 2001
- University of Helsinki (Finland), 13th European Summer School in Logic, Language and Information, two weeks in 2001

AWARDS

- in 2009: “Valenční slovník českých sloves” awarded by the Union of Interpreters and Translators
- in 1998: a member of the best CTU team in the Czech Technical University Open Contest (a contest within the network of ACM international collegiate programming contests)

PROFESSIONAL EXPERIENCE IN IT

- 1999-2000 – web design for commercial clients
- 1999-2000 – Business Data Service, s.r.o., software support for marketing activities, design of a system for managing legal texts in electronic form
- 1998 – Federal Mogul, s.r.o., software support measuring and analysis of the factory power consumption
- 1995 – Vojenská pojišťovna, a.s., data analyses on large databases
- 1994-1995 – developing software for real estate agencies