

List of Publications

Barbora Vidová Hladká, Charles University

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A. Scientific monographs (2)

1. Panevová Jarmila, Bojar Ondřej, Cinková Silvie, Hajič Jan, **Hladká Barbora**, Kuboň Vladislav, Mírovský Jiří, Peterek Nino, Spoustová Johanka, Žabokrtský Zdeněk: *The Czech Language in the Digital Age*. Springer-Verlag Berlin Heidelberg, Berlin, Germany, ISBN 978-3-642-30705-8, 79 pp., 2012.
2. **Hladká Barbora**, Hajič Jan, Hana Jiří, Hlaváčová Jaroslava, Mírovský Jiří, Votrubec Jan: *Czech Academic Corpus 1.0 Guide*. Karolinum, Charles University Press, Prague, Czech Republic, ISBN 978-80-246-1315-4, 100 pp., 2007.

B. Chapters in monographs (4)

1. **Hladká Barbora**, Václ Jan. Tracing salience. In: Zikánová Šárka, Hajičová Eva, Hladká Barbora, Jínová Pavlína, Mírovský Jiří, Nedoluzhko Anna, Poláková Lucie, Rysová Kateřina, Rysová Magdaléna, Václ Jan: *Discourse and Coherence. From the Sentence Structure to Relations in Text*. Charles University in Prague, Faculty of Mathematics and Physics, Institute of Formal and Applied Linguistics, Praha, Czech Republic, ISBN 978-80-904571-8-8, pp. 215-231, 274 pp., 2015.
2. Hajičová Eva, Cuřín Jan, Hajič Jan, Kučera Ondřej, **Vidová Hladká Barbora**: Jazyk a umělá inteligence: kudy a kam? In: *Umělá inteligence 5*, Academia, Praha, Česká republika, ISBN 978-80-200-1407-2, pp. 272-283, 546 pp., 2007.
3. Böhmová Alena, Hajič Jan, Hajičová Eva, **Hladká Barbora**: The Prague Dependency Treebank: A Three-Level Annotation Scenario. In: *Treebanks: Building and Using Syntactically Annotated Corpora*, Kluwer Academic Publishers, Dordrecht, The Netherlands, ISBN 1-4020-1334-5, pp. 103-128, 398 pp., 2003.
4. **Hladká Barbora**, Ribarov Kiril: PoS tags for automatic tagging and syntactic structures. In: *Issues of Valency and Meaning. Studies in Honour of Jarmila Panevová (ed. Eva Hajičová)*, Karolinum, Charles University Press, Prague, Czech Republic, ISBN 80-7184-601-5, pp. 226-237, 307 pp., 1998.

C1. Articles in international peer-reviewed journals (3)

1. **Hladká Barbora**, Holub Martin: A Gentle Introduction to Machine Learning for Natural Language Processing: How to start in 16 practical steps. *Language and Linguistics Compass*, Vol. 9, No. 2, John Wiley & Sons Inc, ISSN 1749-818X, pp. 55-76, 2015.
2. Kaczmarska Elżbieta, Rosen Alexander, Hana Jirka, **Hladká Barbora**: Syntactico-semantic analysis of arguments as a method for establishing equivalents of Czech and Polish verbs

expressing mental states. *Prace Filologiczne*, No. LXVII, pp. 131-150, 2015.

3. Bémová Alevtina, Hajič Jan, **Hladká Barbora**, Panevová Jarmila: Morphological and Syntactic Tagging of the Prague Dependency Treebank. *Journées ATALA - Corpus annotés pour la syntaxe*, Paris, France, 1999.

C2. Articles in Czech peer-reviewed journals (8)

1. **Hladká Barbora**, Bémová Alevtina, Urešová Zdeňka: Syntaktická proměna Českého akademického korpusu. *Slovo a slovesnost*, Vol. 72, No. 4, Ústav pro jazyk český AV ČR, ISSN 0037-7031, pp. 268-287, 2011.
– IF by Web of Science in 2018: 0.412
2. **Hladká Barbora**, Mírovský Jiří, Kohout Jan: An attractive game with the document: (im)possible? *The Prague Bulletin of Mathematical Linguistics*, No. 96, Charles University, Prague, Czech Republic, ISSN 0032-6585, pp. 5-26, 2011.
3. **Vidová Hladká Barbora**, Hajič Jan, Hana Jiří, Hlaváčová Jaroslava, Mírovský Jiří, Raab Jan: The Czech Academic Corpus 2.0 Guide. *The Prague Bulletin of Mathematical Linguistics*, No. 89, Charles University, Prague, Czech Republic, ISSN 0032-6585, pp. 41-96, 2008.
4. **Hladká Barbora**, Králík Jan: Proměny Českého akademického korpusu. *Slovo a slovesnost*, Vol. 67, No. 4, Ústav pro jazyk český AV ČR, ISSN 0037-7031, pp. 179-194, 2006.
– IF by Web of Science since 2011, IF in 2018: 0.412
5. Ribarov Kiril, Bémová Alevtina, **Hladká Barbora**: When a statistically oriented parser was more efficient than a linguist: A case of treebank conversion. *The Prague Bulletin of Mathematical Linguistics*, No. 86, Charles University, Prague, Czech Republic, ISSN 0032-6585, pp. 21-38, 2006.
6. Panevová Jarmila, **Hladká Barbora**, Ribarov Kiril, Kuboň Vladislav, Zeman Daniel, Čmejrek Martin, Cuřín Jan, Peterek Nino: Počítačová lingvistika ve vztahu k informatice. *Pokroky matematiky, fyziky a astronomie*, Vol. 45, No. 3, Jednota českých matematiků a fyziků, ISSN 0032-2423, pp. 207-218, 2000.
7. Hajič Jan, Brill Eric, Collins Michael, **Hladká Barbora**, Jones Douglas, Kuo Cynthia, Ramshaw Lance, Schwartz Oren, Tillmann Christoph, Zeman Daniel: Core Natural Language Technology Applicable to Multiple Languages Workshop'98 Final Report. *The Prague Bulletin of Mathematical Linguistics*, No. 70, Charles University, Prague, Czech Republic, ISSN 0032-6585, pp. 73-82, 1998.
8. Hajič Jan, **Hladká Barbora**: Morfologické značkování korpusu českých textů stochastickou metodou. *Slovo a slovesnost*, Vol. 58, No. 4, Ústav pro jazyk český AV ČR, ISSN 0037-7031, pp. 288-304, 1997.
– IF by Web of Science since 2011, IF in 2018: 0.412

C3. Articles in peer-reviewed proceedings (35)

1. Kríž Vincent, **Hladká Barbora**: Czech Legal Text Treebank 2.0. In: *Proceedings of the 11th International Conference on Language Resources and Evaluation (LREC 2018)*, Copyright © European Language Resources Association, Miyazaki, Japan, ISBN 979-10-95546-00-9, pp. 4501-4505, 2018.
– CORE-C
2. Kuboň David, Metheniti Eleni, **Hladká Barbora**: Politician -- An Imitation Game. In: *Internet Science*, Copyright © Springer International Publishing, Cham, Switzerland, ISBN 978-3-319-77546-3, pp. 201-212, 258, 2018.
3. Hana Jirka, **Hladká Barbora**: Syntactic annotation of a second-language learner corpus. In: *Proceedings of the International Conference on Bilingual Learning and Teaching*, Copyright © The Open University of Hong Kong, Oct 2018.
4. Hana Jirka, **Hladká Barbora**: Universal Dependencies and Non-Native Czech. In: *Proceedings of the 17th International Workshop on Treebanks and Linguistic Theories (TLT 2018)*, Copyright © Linköping University Electronic Press, Linköping, Sweden, ISBN 978-91-7685-137-1, ISSN 1650-3740, pp. 105-114, 2018
5. **Hladká Barbora**, Hana Jiří: Parsing Writings of Non-Native Czech. In: *Proceedings of the 4th Workshop on Natural Language Processing Techniques for Educational Applications*, Copyright © Asian Federation of Natural Language Processing, Taipei, Taiwan, ISBN 978-1-948087-08-7, pp. 12-16, 2017.
6. Ircing Pavel, Švec Jan, Zajíc Zbyněk, **Hladká Barbora**, Holub Martin: Combining Textual and Speech Features in the NLI Task Using State-of-the-Art Machine Learning Techniques. In: *Proceedings of The 12th Workshop on Innovative Use of NLP for Building Educational Applications*, Stroudsburg, PA, USA, ISBN 978-1-945626-00-5, pp. 198-209, 2017.
7. Kríž Vincent, **Hladká Barbora**: Improving Dependency Parsing Using Sentence Clause Charts. In: *Proceedings of the 54th Annual Meeting of the Association for Computational Linguistics – Student Research Workshop*, Association for Computational Linguistics, Stroudsburg, PA, USA, ISBN 978-1-945626-02-9, pp. 86-92, 2016.
– CORE-A*
8. Kríž Vincent, **Hladká Barbora**, Urešová Zdeňka: Czech Legal Text Treebank 1.0. In: *Proceedings of the Tenth International Conference on Language Resources and Evaluation (LREC 2016)*, Portorož, Slovenia, 2016.
– CORE-C
9. Kuboň David, **Hladká Barbora**: Politician – An Imitation Game. In: *Proceedings of RE-WOCHAT: Workshop on Collecting and Generating Resources for Chatbots and Conversational Agents – Development and Evaluation*, collocated with LREC 2016, Portorož, Slovenia, 2016.
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10. Kríž Vincent, **Hladká Barbora**: REExtractor: a Robust Information Extractor. In: *Proceedings of the 2015 Conference of the North American Chapter of the Association for Computational Linguistics: Demonstrations*, Association for Computational Linguistics, Denver, CO, USA, ISBN 978-1-941643-49-5, pp. 21-25, 2015.
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11. Hana Jirka, **Hladká Barbora**, Lukšová Ivana: Sentence diagrams: their evaluation and combination. In: *Proceedings of The 8th Linguistic Annotation Workshop (LAW-VIII)*, Association for Computational Linguistics, Dublin City University (DCU), Dublin, Ireland, ISBN 978-1-941643-29-7, pp. 38-47, 2014.

12. **Hladká Barbora**, Hana Jirka, Lukšová Ivana: Crowdsourcing in language classes can help Natural Language Processing. In: *Proceedings of the Conference on Human Computation & Crowdsourcing*, Pittsburgh, USA, 2014.
13. Holubová Irena, Knap Tomáš, Kríž Vincent, Nečaský Martin, **Hladká Barbora**: INTLIB - an INTelligent LIBrary. In: *Proceedings of the DATESO 2014 Annual International Workshop on Databases, Texts, Specifications and Objects*, Czech Technical University in Prague, Faculty of Information Technology, Praha, Czech Republic, ISBN 978-80-01-05482-6, ISSN 1613-0073, pp. 13-24, 2014.
14. Kríž Vincent, **Hladká Barbora**, Nečaský Martin, Dědek Jan: Statistical Recognition of References in Czech Court Decisions. In: *Proceedings of MICAI 2014, Part I, LNAI 8856*, Springer International Publishing, Switzerland, pp. 51-61, 2014.
15. Kríž Vincent, **Hladká Barbora**, Nečaský Martin, Knap Tomáš: Data Extraction Using NLP Techniques and Its Transformation to Linked Data. In: *Proceedings of MICAI 2014, Part I, LNAI 8856*, Springer International Publishing, Switzerland, pp. 113-124, 2014.
16. Hajičová Eva, **Hladká Barbora**, Václ Jan: Tracing salience in the Prague Dependency Treebank. In: *Proceedings of Corpus Linguistics*, Lancaster, UK, 2013.
17. **Hladká Barbora**, Holub Martin, Kríž Vincent: Feature Engineering in the NLI Shared Task 2013: Charles University Submission Report. In: *Proceedings of the Eighth Workshop on Innovative Use of NLP for Building Educational Applications*, Association for Computational Linguistics, Atlanta, Georgia, USA, pp. 232-241, 2013.
18. Nečaský Martin, Knap Tomáš, Klimek Jakub, Holubová Irena, **Hladká Barbora**: Linked Open Data for Legislative Domain – Ontology and Experimental Data. LIT 2013: Workshop on Legal Informatics and Legal Information. *Lecture Notes in Business Information Processing*, vol. 0160. Springer-Verlag, pp. 172-183. Poznan, Poland. 2013.
19. Hana Jirka, **Hladká Barbora**: Getting more data – Schoolkids as annotators. In: *Proceedings of the 8th International Conference on Language Resources and Evaluation (LREC 2012)*, European Language Resources Association, Istanbul, Turkey, ISBN 978-2-9517408-7-7, pp. 4049-4054, 2012.
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20. **Hladká Barbora**, Urešová Zdeňka: Syntactic annotation of transcriptions in the Czech Academic Corpus: Then and now. In: *Proceedings of the Fifth Corpus Linguistics Conference*, University of Liverpool, Liverpool, UK, pp. 1-4, 2012.
21. **Hladká Barbora**, Mírovský Jiří, Schlesinger Pavel: Designing a Language Game for Collecting Coreference Annotation. In: *Proceedings of the Third Linguistic Annotation Workshop (LAW III)*, Association for Computational Linguistics, Suntec, Singapore, ISBN 978-1-932432-52-7, pp. 52-55, 2009.
22. **Hladká Barbora**, Mírovský Jiří, Schlesinger Pavel: Play the Language: Play Coreference. In: *Proceedings of the ACL-IJCNLP 2009 Conference Short Papers*, Association for Computational Linguistics, Suntec, Singapore, ISBN 978-1-932432-61-9, pp. 209-212, 2009.
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23. **Hladká Barbora**, Urešová Zdeňka: Syntactic annotation of spoken utterances: A case study on the Czech Academic Corpus. In: *Proceedings of the Third Linguistic Annotation Workshop (LAW III)*, ACL, Suntec, Singapore, ISBN 978-1-932432-52-7, pp. 90-98, 2009.
24. Hajičová Eva, **Hladká Barbora**: What does sentence annotation say about discourse? In: *18th International Congress of Linguists, Abstracts*, The Linguistic Society of Korea, Seoul, Korea, pp. 125-126, 2008.
25. **Hladká Barbora**, Kučera Ondřej: An Annotated Corpus Outside Its Original Context: A Corpus-Based Exercise Book. In: *Proceedings of the Third Workshop on Innovative Use of NLP for Building Educational Applications*, ACL, Columbus, OH, USA, ISBN 978-1-932432-08-4, pp. 36-43, 2008.

26. **Hladká Barbora**, Kučera Ondřej: A Corpus-based exercise book of Czech. In: *Proceedings of the EUROCALL Conference (Mastering Multimedia: Teaching Languages Through Technology)*, Coleraine, Northern Ireland, UK, pp. 111-112, 2007.
27. Hajičová Eva, **Hladká Barbora**, Kučová Lucie: An Annotated Corpus as a Test Bed for Discourse Structure Analysis. In: *Proceedings of the Workshop on Constraints in Discourse*, The National University of Ireland, Maynooth, Ireland, pp. 82-89, 2006.
28. **Hladká Barbora**, Kučera Ondřej: Prague Dependency Treebank as an Exercise Book of Czech. In: *Proceedings of Human Language Technology Conference and Conference on Empirical Methods in Natural Language Processing*, Association for Computational Linguistics, Vancouver, BC, Canada, ISBN 1-932432-55-8, pp. 14-15, 2005.
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29. Hajič Jan, **Hladká Barbora**, Pajas Petr: The Prague Dependency Treebank: Annotation Structure and Support. In: *Proceedings of the IRCS Workshop on Linguistic Databases*, University of Pennsylvania, Philadelphia, USA, pp. 105--114, 2001.
30. Hajičová Eva, Hajič Jan, **Hladká Barbora**, Holub Martin, Pajas Petr, Řezníčková Veronika, Sgall Petr: The Current Status of the Prague Dependency Treebank. In: *TSD2001 Proceedings (eds. V. Matoušek, P. Mautner, R. Mouček, K. Taušer)*, LNAI 2166, Springer-Verlag Berlin Heidelberg New York, ISBN 3-540-42557-8, pp. 11-20, 2001.
31. Jelinek Frederick, Byrne William, Khudanpur Sanjeev, **Hladká Barbora**, Ney Herman, Och, Franz Josef, Cuřin Jan, Psutka Josef. Robust Knowledge Discovery from Parallel Speech and Text Sources. In: *Proceedings of the First International Conference on Human Language Technology Research*. San Diego, CA, pp. 299-301, 2001.
32. **Hladká Barbora**: The Context (not only) for Human. In: *Proceedings of LREC 2nd Intern. Conference, vol.II (eds. M. Gavrilidou, G. Carayannis, S. Markantonatou, S. Piperidis, G. Stainhaouer)*, Athens, Greece, pp. 1113-1116, 2000.
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33. Hajič Jan, **Hladká Barbora**: Czech Language Processing – PoS Tagging. In: *Proceedings of the First International Conference on Language Resources & Evaluation*, Granada, Spain, 1998.
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34. Hajič Jan, **Hladká Barbora**: Tagging Inflective Languages: Prediction of Morphological categories for a Rich, Structured Tagset. In: *Proceedings of the Conference COLING-ACL '98*, Montreal, Canada, pp. 483-490, 1998.
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35. Hajič Jan, **Hladká Barbora**: Probabilistic and rule-based tagger of an inflective language: a comparison. In: *Proceedings of the Fifth Conference on Applied Natural Language Processing*, Washington, DC, USA, pp. 111-118, 1997

C4. Studies in Czech peer-reviewed proceedings (1)

1. Hajičová Eva, **Hladká Barbora**: Od kořenů ke stromům: příběh anotovaných korpusů češtiny. In: *Čeština v pohledu synchronním a diachronním. Stoleté kořeny Ústavu pro jazyk český*. Karolinum, Charles University Press, Prague, Czech Republic, ISBN 978-80-246-2121-0, pp. 61-66, 2012.

D. Textbooks (0)

E. Other scientific works (14)

Technical reports (3)

1. Hana Jiří, Zeman Daniel, Hajič Jan, Hanová Hana, **Hladká Barbora**, Jeřábek Emil: *Manual for Morphological Annotation, Revision for the Prague Dependency Treebank 2.0*. Technical report no. 2005/TR-2005-27, ÚFAL MFF UK, Prague, Czech Republic, ISSN 1214-5521, 55 pp., 2005.
2. Hana Jiří, Hanová Hana, Hajič Jan, **Hladká Barbora**, Jeřábek Emil: *Manual for Morphological Annotation*. Technical report no. 2002/TR-2002-14, ÚFAL MFF UK, Prague, Czech Republic, ISSN 1214-5521, 59 pp., 2002.
3. Hajič Jan, Brill Eric, Collins Michael, **Hladká Barbora**, Jones Douglas, Kuo Cynthia, Ramshaw Lance, Schwartz Oren, Tillmann Christoph, Zeman Daniel: *Core Natural Language Processing Technology Applicable to Multiple Languages*. In: *NSF Workshop: Language Engineering for Students and Professionals Integrating Research and Education*, Johns Hopkins University, Baltimore, MD, USA, 1998.

Data collections (8)

1. Hana Jiří, **Hladká Barbora**: *CzeSL - Universal Dependencies Release 0.5*, LINDAT/CLARIN digital library at the Institute of Formal and Applied Linguistics, Charles University, Prague, Czech Republic, 2019. ([url](#))
2. Nivre Joakim, Abrams Mitchell Agić Željko et al: *Universal Dependencies 2.3*, LINDAT/CLARIN digital library at the Institute of Formal and Applied Linguistics (ÚFAL), Faculty of Mathematics and Physics, Charles University, 2018. ([url](#))
3. **Hladká Barbora**, Kučera Ondřej, Kuchyňová Karolína: *STYX 1.0*. LINDAT/CLARIN digital library at Institute of Formal and Applied Linguistics, Charles University, Prague, Czech Republic, 2017. ([url](#))
4. Kríž Vincent, **Hladká Barbora**. *Czech Legal Text Treebank 2.0*, LINDAT/CLARIN digital library at the Institute of Formal and Applied Linguistics, Charles University, Prague, Czech Republic, 2017. ([url](#))
5. Kríž Vincent, **Hladká, Barbora**, Uřešová, Zdeňka: *Czech Legal Text Treebank 1.0*, LINDAT/CLARIN digital library at Institute of Formal and Applied Linguistics, Charles University, Prague, Czech Republic, 2015. ([url](#))
6. Kríž Vincent, **Hladká Barbora**: *Czech Court Decisions Dataset*, LINDAT/CLARIN digital library at the Institute of Formal and Applied Linguistics, Charles University, Prague, Czech Republic, 2014. ([url](#))
7. **Vidová Hladká Barbora**, Hajič Jan, Hana Jiří, Hlaváčová Jaroslava, Mírovský Jiří, Raab Jan: *Czech Academic Corpus 2.0*, LDC - Linguistic Data Consortium, 2008. ([url](#))
8. Hajič Jana, Hajičová Eva, Pajas Petr, Panevová Jarmila, Sgall Petr, **Vidová Hladká Barbora**. *Prague Dependency Treebank 1.0*, LDC - Linguistic Data Consortium, 2001. ([url](#))

Reviews (2)

1. **Hladká Barbora**, Ribarov Kiril: *Exploring Textual Data. The Prague Bulletin of Mathematical Linguistics, No. 78*, Charles University, Prague, Czech Republic, ISSN 0032-6585, pp. 135--137, 2002.

2. **Hladká Barbora**, Böhmová Alena, Ribarov Kiril: *Corpus Linguistics. Investigating Language Structure and Use. Cambridge Approaches to Linguistics.* Cambridge University Press: Cambridge 1998. *The Prague Bulletin of Mathematical Linguistics*, No. 76, Charles University, Prague, Czech Republic, ISSN 0032-6585, 2001.

Certified methodology (1)

1. Borš Erik, Jäger Radim, Jägerová Tereza, Nečaský Martin, **Vidová Hladká Barbora**: *Metodika pro automatizované inteligentní vytěžování nestrukturovaných dat v environmentální doméně.* 2014. [odkaz do RIV](#)

F. Patents (0)

H. Dissertation (1)

1. **Hladká Barbora**: *Czech Language Tagging.* Charles University, Czech Republic, 2000.

I. Other works (7)

1. **Hladká Barbora**, Holub Martin, Zouhar Vilém: *A Collection of Machine Learning Exercises.* MFF UK. 2019.
2. Hajič Jan, **Hladká Barbora**, Panevová Jarmila: Lingvistika na Matematicko-fyzikální fakultě? *Vesmír*, Vol. 91, Vesmír s.r.o., ISSN 0042-4544, pp. 523-526, 2012.
3. Kučera Ondřej, **Hladká Barbora**, Hrstková Klára: Automaticky vytvořená cvičebnice češtiny. *Pedagogický software 2008*, Scientific Pedagogical Publishing, České Budějovice, České Budějovice, Czech Republic, ISBN 80-85645-59-9, pp. 55-57, 2008.
4. **Hladká Barbora**: Our lucky moments with Frederick Jelinek. *The Prague Bulletin of Mathematical Linguistics*, No. 88, Charles University, Prague, Czech Republic, ISSN 0032-6585, pp. 111-112, 2007.
5. **Hladká Barbora**: One day with Eva Hajičová. *Linguistica Pragensia*, Vol. 16, No. 1, Cop. © Ústav pro jazyk český AV ČR, ISSN 0862-8432, pp. 36-38, 2006.
6. **Hladká Barbora**: The Czech Academic Corpus version 1.0 has been released. *The Prague Bulletin of Mathematical Linguistics*, No. 86, Charles University, Prague, Czech Republic, ISSN 0032-6585, pp. 57-58, 2006.
7. **Hladká Barbora**: Pražský závislostní korpus aneb Co tady před padesáti lety nebylo. *Pokroky matematiky, fyziky a astronomie*, Vol. 4, No. 47, JČMF, Prague, Czech Republic, ISSN 0032-2423, pp. 298-306, 2002.

Date

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