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Department of Digital Humanities  
Language Technology  
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## Qualifications

### PhD (Computational Linguistics)

LocalizedString(id=108907355, text={sv\_SE=Uppsala University, fi\_FI=Uppsala University, en\_GB=Uppsala University})  
Uppsala Sweden

12 Dec 2003

### M.Sc. (Computer Science)

LocalizedString(id=108892658, text={sv\_SE=Otto Von Guericke University, Magdeburg, fi\_FI=Otto Von Guericke University, Magdeburg, en\_GB=Otto Von Guericke University, Magdeburg}) Germany

11 Sep 1997

## Employment

### Professor

Department of Digital Humanities

University of Helsinki

Finland

1 Jan 2018 → present

### Professor

NYKYKIELET 2010-2017

University of Helsinki

Finland

1 Aug 2015 → 31 Dec 2017

### Language Technology

University of Helsinki

University of Helsinki, Finland

1 Aug 2015 → present

## Projects

### FoTran: Found in Translation - Natural Language Processing with Cross-Lingual Grounding

Tiedemann, J.

European Research Council (ERC)

01/09/2018 → 31/08/2023

### MeMAD: Methods for Managing Audiovisual Data: Combining Automatic Efficiency with Human Accuracy

Hirvonen, M., Tiedemann, J. & Tiittula, L.

European Commission / Horizon 2020

01/01/2018 → 31/12/2020

### NLUxLG: NLU with Cross-Lingual Grounding

Tiedemann, J. & Talman, A.

SUOMEN AKATEMIA

01/01/2018 → 31/12/2019

### **Development of Digital Teaching project of the BA Programme in Languages**

Lennes, M., Flanagan, J., Hiltunen, T., Creutz, M., Aunio, L., Buchart, M., Gruzdeva, E., Jakubek, I., Keinänen, N., Kim, J., Kittilä, S., Kopotev, M., Kraenker, S., Länsisalmi, R., Nieuweboer, R., Peterson, E., Tiedemann, J., Tuori, R., Viitamäki, M. & Lindstedt, J.

01/05/2017 → 31/12/2018

### **NLPL: Nordic Language Processing Laboratory**

Tiedemann, J. & Scherrer, Y.

01/01/2017 → 31/12/2019

### **CrossNLP: Cross-Linguistic and Multilingual Natural Language Processing with the Focus on Low-Resource Languages and Language Variants**

Tiedemann, J., Östling, R. & Scherrer, Y.

01/01/2016 → 31/12/2018

### **Erillisrahoitus Helsingin ja Tukholman yliopistojen yhteishanke**

Lehti-Eklund, H., Lindström, J., Miestamo, M., Grünthal, R., Palander-Collin, M., Kalliokoski, J., Östman, J., Ajanki, R., Holopainen, S., Balode, L., Lenk, H. E. H., Kurhila, S., Kotilainen, L., Lindholm, C., Wahlström, M., Solin, A., Fremer, M., Tiittula, L., Hamari, A., Kittilä, S., Huhtamäki, M., Kim, J., Kopotev, M., Peterson, E., Protassova, E., Savijärvi, M. & Tiedemann, J.

Unknown funder

01/01/2015 → 31/12/2017

### **eSENCE: Efficient Algorithms for Natural Language Processing Beyond Sentence Boundaries**

Nivre, J., Tiedemann, J. & Stymne, S.

01/09/2012 → 31/08/2014

### **DiscoMT: Discourse-Oriented Statistical Machine Translation**

Tiedemann, J., Hardmeier, C., Loáiciga, S. & Scherrer, Y.

01/01/2012 → 31/12/2017

### **LetsMT!: LetsMT! A Platform for Online Sharing of Training Data and Building User Tailored Machine Translation**

Tiedemann, J., Weinitz, P., Saers, M., Zumpe, M. & Schleussner, S.

01/03/2010 → 31/08/2012

### **OPUS: The Open Parallel Corpus**

Tiedemann, J.

01/06/2004 → ...

## **Datasets**

### **DiscoMT 2015 Shared Task on Pronoun Translation**

Tiedemann, J. (Creator), LINDAT/CLARIN, 31 Jan 2016

DOI: <https://doi.org/http://hdl.handle.net/11372/LRT-1611>, <http://hdl.handle.net/11372/LRT-1611>

### **LetsMT repository**

Tiedemann, J. (Creator), Zenodo, 22 Jan 2018

DOI: <https://doi.org/10.5281/zenodo.1157836>

### **Lingua-Align**

Tiedemann, J. (Creator), Zenodo, 22 Jan 2018

DOI: <https://doi.org/10.5281/zenodo.1157176>, <https://github.com/Helsinki-NLP/Lingua-Align/tree/v0.1>

### **OPUS**

Tiedemann, J. (Creator), University of Helsinki, 2017

<http://opus.nlpl.eu>

### **Shared Task in Cross-Lingual Parsing**

Tiedemann, J. (Data Manager), Atlassian, 2017  
<https://bitbucket.org/hy-crossNLP/wardial2017>

### **Uplug**

Tiedemann, J. (Creator), Zenodo, 22 Jan 2018  
DOI: <https://doi.org/10.5281/zenodo.1157180>, <https://github.com/Helsinki-NLP/Uplug/tree/v0.3.9>

### **WMT16 test set Finnish-English**

Tiedemann, J. (Creator), Zenodo, 21 Jan 2018  
DOI: <https://doi.org/10.5281/zenodo.1156325>, <https://github.com/Helsinki-NLP/WMT16-test-enfi/tree/v1.0>

### **WMT17 test set Finnish-English**

Tiedemann, J. (Creator), Zenodo, 21 Jan 2018  
DOI: <https://doi.org/10.5281/zenodo.1156326>, <https://github.com/Helsinki-NLP/WMT16-test-enfi/tree/v1.0>

## **Publications**

### **Emerging Language Spaces Learned From Massively Multilingual Corpora**

Tiedemann, J. 2018 (Accepted/In press) *In Proceedings of the 3rd Conference on Digital Humanities in the Nordic Countries*. Helsinki, Finland

### **OpenSubtitles2018: Statistical Rescoring of Sentence Alignments in Large, Noisy Parallel Corpora**

Lison, P. & Tiedemann, J. 2018 (Accepted/In press) *Proceedings of the 11th International Conference on Language Resources and Evaluation (LREC-2018)*. European Language Resources Association (ELRA)

### **Character-based Joint Segmentation and POS Tagging for Chinese using Bidirectional RNN-CRF**

Shao, Y., Hardmeier, C., Tiedemann, J. & Nivre, J. 1 Nov 2017 *The Eighth International Joint Conference on Natural Language Processing: Proceedings of the Conference, Vol. 1 (Long Papers)*. Taipei: Asian Federation of Natural Language Processing, p. 173-183 11 p.

### **Proceedings of the 21st Nordic Conference on Computational Linguistics (NoDaLiDa)**

Tiedemann, J. (ed.) 1 May 2017 Gothenburg: Linköping University Electronic Press. 337 p. (Linköping Electronic Conference Proceedings; no. 131)

### **Continuous multilinguality with language vectors**

Östling, R. & Tiedemann, J. 1 Apr 2017 *15th Conference of the European Chapter of the Association for Computational Linguistics: Proceedings of Conference, volume 2: Short Papers*. Stroudsburg: Association for Computational Linguistics, p. 644-649 6 p.

### **Cross-Lingual Dependency Parsing for Closely Related Languages – Helsinki's Submission to VarDial 2017**

Tiedemann, J. 1 Apr 2017 *Fourth Workshop on NLP for Similar Languages, Varieties and Dialects (VarDial'2017): Proceedings of the Workshop*. Stroudsburg: Association for Computational Linguistics, p. 131-136 6 p.

### **Findings of the VarDial Evaluation Campaign 2017**

Zampieri, M., Malmasi, S., Ljubešić, N., Nakov, P., Ali, A., Tiedemann, J., Scherrer, Y. & Aepli, N. 1 Apr 2017 *Proceedings of the Fourth Workshop on NLP for Similar Languages, Varieties and Dialects*. Stroudsburg: Association for Computational Linguistics, p. 1-15 15 p.

### **Bootstrapping a Dependency Parser for Maltese - A Real-World Test Case**

Tiedemann, J. & van der Plas, L. 2017 *From Semantics to Dialectometry: Festschrift in honor of John Nerbonne*. Wieling, M., Kroon, M., Van Noord, G. & Bouma, G. (eds.). Milton Keynes: College Publications, p. 355-365 11 p. (Tributes; no. 32)

### **Findings of the 2017 DiscoMT Shared Task on Cross-lingual Pronoun Prediction**

Loáiciga, S., Stymne, S., Nakov, P., Hardmeier, C., Tiedemann, J., Cettolo, M. & Versley, Y. 2017 *Discourse in Machine Translation (DiscoMT 2017): Proceedings of the Workshop*. Stroudsburg: Association for Computational Linguistics, p. 1-16 16 p.

### **Large aligned treebanks for syntax-based machine translation**

Kotzé, G., Vandeghinste, V., Martens, S. & Tiedemann, J. 2017 In : *Language Resources and Evaluation*. 51, 2, p. 249-282 34 p.

### **Neural Machine Translation with Extended Context**

Tiedemann, J. & Scherrer, Y. 2017 *Proceedings of the Third Workshop on Discourse in Machine Translation*. Stroudsburg: Association for Computational Linguistics, p. 82-92 11 p.

### **Rule-based Machine Translation from English to Finnish**

Hurskainen, A. & Tiedemann, J. 2017 *Proceedings of the Second Conference on Machine Translation (WMT2017)*. Copenhagen, Denmark: Association for Computational Linguistics, p. 323-329 7 p.

### **The CLIN27 Shared Task: Translating Historical Text to Contemporary Language for Improving Automatic Linguistic Annotation**

Tjong Kim Sang, E., Bollmann, M., Boschker, R., Casacuberta, F., Dietz, F., Dipper, S., Domingo, M., van der Goot, R., van Koppen, M., Ljubešić, N., Östling, R., Petran, F., Pettersson, E., Scherrer, Y., Schraagen, M., Sevens, L., Tiedemann, J., Vanallemeersch, T. & Zervanou, K. 2017 In : *Computational Linguistics in the Netherlands*. 7, p. 53-64 12 p.

### **The Helsinki Neural Machine Translation System**

Östling, R., Scherrer, Y., Tiedemann, J. & Nieminen, T. 2017 *Proceedings of the Second Conference on Machine Translation (WMT2017)*. Stroudsburg: Association for Computational Linguistics, p. 338-347 10 p.

### **Discriminating between Similar Languages and Arabic Dialect Identification: A Report on the Third DSL Shared Task**

Malmasi, S., Zampieri, M., Ljubešić, N., Nakov, P., Ali, A. & Tiedemann, J. 1 Dec 2016 *Third Workshop on NLP for Similar Languages, Varieties and Dialects: Proceedings of the Workshop*. The COLING 2016 Organizing Committee , p. 1-14 14 p.

### **Tagging Ingush - Language Technology For Low-Resource Languages Using Resources From Linguistic Field Work**

Tiedemann, J., Nichols, J. & Sprouse, R. 1 Dec 2016 *Language Technology Resources and Tools for Digital Humanities (LT4DH): Proceedings of the Workshop*. Osaka, p. 148-155 8 p.

### **The Challenges of Multi-dimensional Sentiment Analysis Across Languages**

Öhman, E., Honkela, T. & Tiedemann, J. 1 Dec 2016 *Workshop on Computational Modeling of People's Opinions, Personality, and Emotions in Social Media (PEOPLES): Proceedings of the Workshop*. Osaka, Japan: The COLING 2016 Organizing Committee , p. 138-142 5 p.

### **Efficient word alignment with Markov Chain Monte Carlo**

Östling, R. & Tiedemann, J. 1 Oct 2016 In : *The Prague Bulletin of Mathematical Linguistics*. 106, p. 125-146 22 p.

### **Detecting hospital-acquired infections: A document classification approach using support vector machines and gradient tree boosting**

Ehrentraut, C., Ekholm, M., Tanushi, H., Tiedemann, J. & Dalianis, H. 4 Aug 2016 In : *Health informatics journal*.. p. 1-19 19 p.

### **A Linear Baseline Classifier for Cross-Lingual Pronoun Prediction**

Tiedemann, J. 1 Aug 2016 *The 54th Annual Meeting of the Association for Computational Linguistics: Proceedings of the First Conference on Machine Translation (WMT)*. Stroudsburg: The Association for Computational Linguistics, p. 616-619 4 p.

### **Findings of the 2016 WMT Shared Task on Cross-lingual Pronoun Prediction**

Guillou, L., Hardmeier, C., Nakov, P., Stymne, S., Tiedemann, J., Versley, Y., Cettolo, M., Webber, B. & Popescu-Belis, A. 1 Aug 2016 *The 54th Annual Meeting of the Association for Computational Linguistics: Proceedings of the First Conference on Machine Translation (WMT)*. Stroudsburg: The Association for Computational Linguistics, p. 525-542 18 p.

### **Phrase-Based SMT for Finnish with More Data, Better Models and Alternative Alignment and Translation Tools**

Tiedemann, J., Cap, F., Kanerva, J., Ginter, F., Stymne, S., Östling, R. & Weller-Di Marco, M. 1 Aug 2016 *The 54th Annual Meeting of the Association for Computational Linguistics: Proceedings of the First Conference on Machine Translation (WMT)*. Stroudsburg: The Association for Computational Linguistics, p. 391-398 8 p.

### **Synthetic Treebanking for Cross-Lingual Dependency Parsing**

Tiedemann, J. & Agi, Z. Jan 2016 In : *Journal of Artificial Intelligence Research*. 55, p. 209-248 40 p.

### **Climbing Mont BLEU: The Strange World of Reachable High-BLEU Translations**

Smith, A., Hardmeier, C. & Tiedemann, J. 2016 In : *Baltic Journal of Modern Computing*. 4, 2, p. 269-281 13 p.

### **Finding Alternative Translations in a Large Corpus of Movie Subtitles**

Tiedemann, J. 2016 *Proceedings of the 10th International Conference on Language Resources and Evaluation (LREC-2016)*. Calzolari, N., Choukri, K., Declerck, T., Goggi, S., Grobelnik, M., Maegaard, B., Mariani, J., Mazo, H., Moreno, A., Odijk, J. & Piperidis, S. (eds.). p. 3518-3522 5 p.

### **OPUS – Parallel Corpora for Everyone**

Tiedemann, J. 2016 In : *Baltic Journal of Modern Computing*. p. 384 1 p.

### **OpenSubtitles2015: Extracting Large Parallel Corpora from Movie and TV Subtitles**

Lison, P. & Tiedemann, J. 2016 *Proceedings of the 10th International Conference on Language Resources and Evaluation (LREC-2016)*. Calzolari, N., Choukri, K., Declerck, T., Goggi, S., Grobelnik, M., Maegaard, B., Mariani, J., Mazo, H., Moreno, A., Odijk, J. & Piperidis, S. (eds.).

### **Baseline Models for Pronoun Prediction and Pronoun-Aware Translation**

Tiedemann, J. 1 Sep 2015 *Proceedings of the Second Workshop on Discourse in Machine Translation (DiscoMT)*. The Association for Computational Linguistics, p. 108-114 7 p.

### **Morphological Segmentation and OPUS for Finnish-English Machine Translation**

Tiedemann, J., Ginter, F. & Kanerva, J. 1 Sep 2015 *Proceedings of the Tenth Workshop on Statistical Machine Translation*. The Association for Computational Linguistics, p. 177-183 7 p.

### **Part-of-Speech Driven Cross-Lingual Pronoun Prediction with Feed-Forward Neural Networks**

Callin, J., Hardmeier, C. & Tiedemann, J. 1 Sep 2015 *Proceedings of the Second Workshop on Discourse in Machine Translation (DiscoMT)*. The Association for Computational Linguistics, p. 59-64 6 p.

### **Pronoun-Focused MT and Cross-Lingual Pronoun Prediction: Findings of the 2015 DiscoMT Shared Task on Pronoun Translation**

Hardmeier, C., Nakov, P., Stymne, S., Tiedemann, J., Versley, Y. & Cettolo, M. 1 Sep 2015 *Proceedings of the Second Workshop on Discourse in Machine Translation (DiscoMT)*. The Association for Computational Linguistics, p. 1-16 16 p.

### **Cross-Lingual Dependency Parsing with Universal Dependencies and Predicted PoS Labels**

Tiedemann, J. 1 Aug 2015 *Proceedings of the Third International Conference on Dependency Linguistics (Depling 2015)*. p. 340-349 10 p.

### **Boosting English-Chinese Machine Transliteration via High Quality Alignment and Multilingual Resources**

Shao, Y., Tiedemann, J. & Nivre, J. 1 Jul 2015 *Proceedings of the Fifth Named Entity Workshop, joint with 53rd ACL and the 7th IJCNLP*. p. 56-60 5 p.

### **Improving the Cross-Lingual Projection of Syntactic Dependencies**

Tiedemann, J. 1 May 2015 *Proceedings of the 20th Nordic Conference of Computational Linguistics (NODALIDA 2015)*. p. 191-199 9 p.

### **Cross-lingual Dependency Parsing of Related Languages with Rich Morphosyntactic Tagsets**

Agić, Ž., Tiedemann, J., Merkle, D., Krek, S., Dobrovoljc, K. & Može, S. 1 Oct 2014 *Language Technology for Closely Related Languages and Language Variants (LT4CloseLang)*. The Association for Computational Linguistics, p. 13-24 12 p.

### **Word's Vector Representations meet Machine Translation**

Martinez Garcia, E., Tiedemann, J., España-Bonet, C. & Màrquez, L. 1 Oct 2014 *Proceedings of SSST-8, Eighth Workshop on Syntax, Semantics and Structure in Statistical Translation*. p. 132-134 3 p.

### **A Report on the DSL Shared Task 2014**

Zampieri, M., Tan, L., Ljubešić, N. & Tiedemann, J. 1 Aug 2014 *Proceedings of the First Workshop on Applying NLP Tools to Similar Languages, Varieties and Dialects*. The Association for Computational Linguistics, p. 58-67 10 p.

### **Rediscovering Annotation Projection for Cross-Lingual Parser Induction**

Tiedemann, J. 1 Aug 2014 *Proceedings of COLING 2014, the 25th International Conference on Computational Linguistics: Technical Papers*.

### **Billions of Parallel Words for Free: Building and Using the EU Bookshop Corpus**

Skadiņš, R., Tiedemann, J., Rozis, R. & Dekšne, D. 1 May 2014 *Proceedings of the 9th International Conference on Language Resources and Evaluation (LREC-2014)*. p. 1850-1855 6 p.

### **Merging Comparable Data Sources for the Discrimination of Similar Languages: The DSL Corpus Collection**

Zampieri, M., Ljubešić, N., Tiedemann, J. & Tan, L. 1 May 2014 *Proceedings of the 7th Workshop on Building and Using Comparable Corpora (BUCC)*. p. 6-10 5 p.

### **ParCor 1.0: A Parallel Pronoun-Coreference Corpus to Support Statistical MT**

Guillou, L., Hardmeier, C., Smith, A., Tiedemann, J. & Webber, B. 1 May 2014 *Proceedings of the Ninth International Conference on Language Resources and Evaluation (LREC-2014)*. p. 3191-3198 8 p.

### **Anaphora Models and Reordering for Phrase-Based SMT**

Hardmeier, C., Stymne, S., Smith, A., Tiedemann, J. & Nivre, J. 2014 *Proceedings of the Ninth Workshop on Statistical Machine Translation*. The Association for Computational Linguistics, p. 122-129 8 p.

### **Estimating Word Alignment Quality for SMT Reordering Tasks**

Stymne, S., Tiedemann, J. & Nivre, J. 2014 *Proceedings of the Ninth Workshop on Statistical Machine Translation*. The Association for Computational Linguistics, p. 275-286 12 p.

### **Improved Text Extraction from PDF Documents for Large-Scale Natural Language Processing**

Tiedemann, J. 2014 *Computational Linguistics and Intelligent Text Processing*. Gelbukh, A. (ed.). Berlin: Springer, Vol. 1, p. 102-112 11 p. (Lecture Notes in Computer Science LNCS 8403)

### **Trebank Translation for Cross-Lingual Parser Induction**

Tiedemann, J., Agić, Ž. & Nivre, J. 2014 *Proceedings of the Eighteenth Conference on Computational Language Learning*. The Association for Computational Linguistics, p. 130-140 11 p.

### **Tools for lexicographic use of parallel and comparable corpora**

Tiedemann, J. 1 Dec 2013 *An International Encyclopedia of Lexicography -- Supplementary Volume*. Gouws, R. H., Heid, U., Schweickard, W. & Wiegand, H. E. (eds.). De Gruyter Mouton, Vol. 4, p. 1433-1444 12 p. (HSK - Dictionaries)

### **Bitexts as Semantic Mirrors**

Tiedemann, J., van der Plas, L. & Villada Moirón, B. 1 Oct 2013 *Unknown host publication*.

**Latent Anaphora Resolution for Cross-Lingual Pronoun Prediction**

Hardmeier, C., Tiedemann, J. & Nivre, J. 1 Oct 2013 *Unknown host publication*.

**Docent: A Document-Level Decoder for Phrase-Based Statistical Machine Translation**

Hardmeier, C., Stymne, S., Tiedemann, J. & Nivre, J. 1 Aug 2013 *Unknown host publication*. p. 193-198 6 p.

**Feature Weight Optimization for Discourse-Level SMT**

Stymne, S., Hardmeier, C., Tiedemann, J. & Nivre, J. 1 Aug 2013 *Unknown host publication*. p. 60-69 10 p.

**Proceedings of the Workshop on Discourse in Machine Translation**

Webber, B. (ed.), Popescu-Belis, A. (ed.), Markert, K. (ed.) & Tiedemann, J. (ed.) 1 Aug 2013 Sofia, Bulgaria: Association for Computational Linguistics.

**Tunable Distortion Limits and Corpus Cleaning for SMT**

Stymne, S., Hardmeier, C., Tiedemann, J. & Nivre, J. 1 Aug 2013 *Unknown host publication*. p. 225-231 7 p.

**An SMT approach to automatic annotation of historical text**

Pettersson, E., Megyesi, B. B. & Tiedemann, J. 1 May 2013 *Unknown host publication*.

**Statistical Machine Translation with Readability Constraints**

Stymne, S., Tiedemann, J., Hardmeier, C. & Nivre, J. 1 May 2013 *Unknown host publication*. p. 375-386 12 p.

**Analyzing the Use of Character-Level Translation with Sparse and Noisy Datasets**

Tiedemann, J. & Nakov, P. 2013 *Unknown host publication*. p. 676-684 9 p.

**Book review of Markus Dickinson, Chris Brew and Detmar Meurers: Language and Computers**

Tiedemann, J. 2013 In : Machine Translation. 27, p. 309-312 4 p.

**Efficient Discrimination Between Closely Related Languages**

Tiedemann, J. & Ljubesic, N. 1 Dec 2012 *Unknown host publication*. p. 2619-2634 16 p.

**Combining Word-Level and Character-Level Models for Machine Translation Between Closely-Related Languages**

Nakov, P. & Tiedemann, J. 1 Jul 2012 *Unknown host publication*. p. 301-305 5 p.

**Document-Wide Decoding for Phrase-Based Statistical Machine Translation**

Hardmeier, C., Nivre, J. & Tiedemann, J. 1 Jul 2012 *Unknown host publication*. p. 1179-1190 12 p.

**LetsMTI: Cloud-Based Platform for Do-It-Yourself Machine Translation**

Vasijevs, A., Skadis, R. & Tiedemann, J. 1 Jul 2012 *Unknown host publication*. p. 43-48 6 p.

**Tree Kernels for Machine Translation Quality Estimation**

Hardmeier, C., Nivre, J. & Tiedemann, J. 1 Jun 2012 *Unknown host publication*. p. 109-113 5 p.

**A Distributed Resource Repository for Cloud-Based Machine Translation**

Tiedemann, J., Hansen, D. H., Offersgaard, L., Olsen, S. & Zumpe, M. 1 May 2012 *Unknown host publication*. Calzolari, N., Choukri, K., Declerck, T., Dogan, M. U., Maegaard, B., Mariani, J., Odijk, J. & Piperidis, S. (eds.). p. 2207-2213 7 p.

**Large aligned treebanks for syntax-based machine translation**

Kotzé, G., Vandeghinste, V., Martens, S. & Tiedemann, J. 1 May 2012 *Unknown host publication*. Calzolari, N., Choukri, K., Declerck, T., Dogan, M. U., Maegaard, B., Mariani, J., Odijk, J. & Piperidis, S. (eds.). p. 467-473 7 p.

### **Parallel Data, Tools and Interfaces in OPUS**

Tiedemann, J. 1 May 2012 *Unknown host publication*. Calzolari, N., Choukri, K., Declerck, T., Dogan, M. U., Maegaard, B., Mariani, J., Odijk, J. & Piperidis, S. (eds.). p. 2214-2218 5 p.

### **Character-Based Pivot Translations for Under-Resourced Languages and Domains**

Tiedemann, J. 1 Apr 2012 *Unknown host publication*. p. 141-151 11 p.

### **Detection of Hospital Acquired Infections in Sparse and Noisy Swedish Patient Records**

Ehrentraut, C., Tiedemann, J., Dalianis, H. & Tanushi, H. 2012 *Unknown host publication*.

### **Opening OPUS for User Contributions**

Tiedemann, J., Zumpfe, M. & Schleussner, S. 2012 *Unknown host publication*.

### **Parse and Corpus-based Machine Translation**

Vandeghinste, V., Martens, S., Kotzé, G., Tiedemann, J., Bogaert, J. V. D., Smet, K. D., Eynde, F. V. & Noord, G. V. 2012 *Essential Speech and Language Technology for Dutch: resources, tools and applications*. Spyns, P. & Odijk, J. (eds.). Springer, (Theory and Applications of Natural Language Processing)

### **The Uppsala-FBK systems at WMT 2011**

Hardmeier, C., Tiedemann, J., Saers, M., Federico, M. & Prashant, M. 1 Jul 2011 *Unknown host publication*. p. 372-378 7 p.

### **Automatic extraction of medical term variants from multilingual parallel translations**

Plas, L. V. D., Tiedemann, J. & Fahmi, I. 2011 *Theory and Applications of Natural Language Processing*. 21 p. (Theory and Applications of Natural Language Processing)

### **Bitext Alignment**

Tiedemann, J. & Hirst, G. (ed.) 2011 San Rafael, California (USA): Morgan & Claypool. (Synthesis Lectures on Human Language Technologies)

### **Synonym acquisition across domains and languages**

Plas, L. V. D., Tiedemann, J. & Manguin, J-L. 2011 *Advances in Distributed Agent-based Retrieval Tools*. Berlin: Springer, (Studies in Computational Intelligence)

### **Finding Medical Term Variations using Parallel Corpora and Distributional Similarity**

van der Plas, L. & Tiedemann, J. 1 Aug 2010 *Unknown host publication*. p. 28-37 10 p.

### **Context Adaptation in Statistical Machine Translation Using Models with Exponentially Decaying Cache**

Tiedemann, J. 1 Jul 2010 *Unknown host publication*. p. 8-15 8 p.

### **Proceedings of the 2010 Workshop on Domain Adaptation for Natural Language Processing**

III, H. D. (ed.), Deoskar, T. (ed.), McClosky, D. (ed.), Plank, B. (ed.) & Tiedemann, J. (ed.) 1 Jul 2010 Uppsala, Sweden: Association for Computational Linguistics.

### **To Cache or Not To Cache? Experiments with Adaptive Models in Statistical Machine Translation**

Tiedemann, J. 1 Jul 2010 *Unknown host publication*. p. 189-194 6 p.

### **English to Bangla Phrase-Based Machine Translation**

Islam, M. Z., Tiedemann, J. & Eisele, A. 1 May 2010 *Unknown host publication*.

### **Lingua-Align: An Experimental Toolbox for Automatic Tree-to-Tree Alignment**

Tiedemann, J. 1 May 2010 *Unknown host publication*. Chair), N. C. C., Choukri, K., Maegaard, B., Mariani, J., Odijk, J., Piperidis, S., Rosner, M. & Tapias, D. (eds.).



**Automatic acquisition of synonyms for French using parallel corpora**

Plas, L. V. D., Tiedemann, J. & Manguin, J-L. 2010 *Unknown host publication*.

**Let's MTI - A Platform for Sharing SMT Training Data**

Tiedemann, J. & Weijnitz, P. 2010 *Unknown host publication*.

**Proceedings of the Workshop on Annotation and Exploitation of Parallel Corpora**

Ahrenberg, L. (ed.), Tiedemann, J. (ed.) & Volk, M. (ed.) 2010 Northern European Association for Language Technology . (NEALT Proceedings Series)

**Translating Transliterations**

Tiedemann, J. & Nabende, P. 1 Oct 2009 In : International journal of computing and ICT research . 3, 1, p. 33-41 9 p.

**A Discriminative Approach to Tree Alignment**

Tiedemann, J. & Kotzé, G. 1 Sep 2009 *Unknown host publication*. p. 33-39 7 p.

**Evidence-Based Word Alignment**

Tiedemann, J. 1 Sep 2009 *Unknown host publication*. Ilisei, I., Pekar, V. & Bernardini, S. (eds.). p. 28-32 5 p.

**Character-based PSMT for Closely Related Languages**

Tiedemann, J. 1 May 2009 *Unknown host publication*. Marqués, L. & Somers, H. (eds.). p. 12 - 19

**Translating Questions for Cross-Lingual QA**

Tiedemann, J. 1 May 2009 *Unknown host publication*. Marqués, L. & Somers, H. (eds.). p. 112 - 119

**Building a Large Machine-Aligned Parallel Treebank**

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**Corpus parallèles et corpus ciblés au secours du dictionnaire de traduction**

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