

CURRICULUM VITAE TATIANA BLADIER, M.A.

PERSONAL INFORMATION

Name	Tatiana Bladier
Date of birth	30.11.1988
Affiliation	Computational Linguistics Department, University of Düsseldorf, Germany
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SHORT PROFILE

- Research associate and PhD student in the department of Computational Linguistics at the University of Düsseldorf in Germany.
- International publications and oral presentations at international conferences.
- Research interests and expertise: deep learning in natural language processing, neural syntax-aware semantic parsing, computational semantics and reasoning, natural language understanding, text data mining, treebank development, language modeling with Tree-Adjoining Grammar, Role and Reference Grammar and Discourse Representation Theory.

ACADEMIC EDUCATION & PROFESSIONAL DEVELOPMENT

09/2019 – 12/2019	Research stay at the University Paris Diderot, France Research stay funded by the mobility grant “ALPROCOPE-CALL FOCUSED ON AI” provided by the French National Institute for Research in Computer Science and Automation Inria.
since 06/2017	Research Associate University of Düsseldorf, Department for Computational Linguistics <i>Main tasks:</i> Implementation of language modeling software, participation in international conferences and workshops, preparing international publications, teaching, student supervision, workshop organization.
since 05/2017	PhD Student University of Düsseldorf, Department for Computational Linguistics <i>Thesis:</i> Neural frame-semantic parsing for French with Tree-Adjoining Grammar and Role and Reference Grammar. <i>Supervisors:</i> Prof. Dr. Laura Kallmeyer, Prof. Dr. Wiebke Petersen
09/2012 – 08/2016	B.A. Information Science and Language Technology (excellent) University of Düsseldorf <i>Main Focus:</i> computational linguistics, computational semantics, information retrieval, knowledge management, database development. <i>B.A. thesis:</i> “A Discourse Representation Theory based analysis of the Russian perfective aspect”
05/2013 – 09/2017	Research Assistant Fraunhofer Institute for Environmental, Safety, and Energy Technology <i>Main tasks:</i> writing theoretical part of scientific reports, literature and patent research, participation in writing grant proposals, workshop and conference organization, web scraping with Scopus API, Twitter API and Facebook API.

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| 09/2010 – 08/2013 | M.A. German Studies (excellent)
University of Düsseldorf
<i>Main Focus:</i> German linguistics, German literature, German medieval studies.
<i>M.A. thesis:</i> “Syntactic strategies of explication in the Russian-German written translation” |
| 12/2011 – 09/2012 | Customer care service and public relation assistant
International debt collection service company “Creditreform”, Germany |
| 10/2010 – 10/2011 | Journalist (online and radio), Russian Department
International Broadcasting Company “Deutsche Welle”, Bonn, Germany |
| 10/2009 – 06/2010 | Teacher of Russian in Dresden High School, Germany |
| 09/2004 – 08/2009 | B.A. German Studies (excellent)
Southern Federal University, Russia
<i>B.A. thesis:</i> “Change of meaning in German language: pejoration and melioration in the evaluative word meaning component.” |

PUBLICATION LIST

Journal Publications

- 1 **Bladier, T.**, Waszczuk, J., Kallmeyer, L. and Janke, J. H. (2019): From partial neural graph-based LTAG parsing towards full parsing. *CLIN Journal* (9) 2019.

Proceedings

- 1 **Bladier, T.**, van Cranenburgh, A., Evang, K., Kallmeyer, L., Möllemann, R., Osswald, R. (2018). RRGbank: a Role and Reference Grammar Corpus of Syntactic Structures Extracted from the Penn Treebank. *17th International Workshop on Treebanks and Linguistic Theory TLT 2018*. Oslo, Norway.
- 2 **Bladier, T.**, van Cranenburgh, A., Samih, Y., Kallmeyer, L. (2018). German and French Neural Supertagging Experiments for LTAG Parsing. *Association for Computational Linguistics ACL 2018 Student Research Workshop*, Melbourne, Australia.
- 3 **Bladier, T.**, Seyffarth, E., Hellwig, O., Petersen, W. (2018). AET: Web-based Adjective Exploration Tool for German. *Language Resources and Evaluation Conference LREC 2018*, Miyazaki, Japan.

PRESENTATIONS AND TALKS

Invited Talks

- 1 **Bladier, T.** (2019). Neural Semantic Role Labeling for French with LTAG Supertag Features *Grammar and Corpora GAC 2018*. Research Seminar at the Paris Diderot University, Paris, France.
- 2 **Bladier, T.** (2019). Full neural graph-based LTAG parsing for French. (Joint work with Waszczuk, J., Kallmeyer, L., and Janke, J. H.) *Inria research centre Paris, France*.
- 3 **Bladier, T.** (2019). Neural Semantic Role Labeling for French FrameNet with Deep Syntactic Information. *Inria research centre Paris, France*.

Talks

- 1 **Bladier, T.**, Evang, K., Kallmeyer, L., Mllemann, R., and Osswald, R. (2019) Creating RRG treebanks through semi-automatic conversion of annotated corpora. *Role and Reference Grammar 2019*, Buffalo, NY, USA.

- 2 Arps, D., **Bladier, T.**, Kallmeyer, L. (2019). Chart-based RRG parsing for automatically extracted and hand-crafted RRG grammars. *Role and Reference Grammar 2019, Buffalo, NY, USA*.
- 3 **Bladier, T.**, van Cranenburgh, A., Kallmeyer, L. (2018). Extraction of LTAG-based supertags from the French Treebank: challenges and possible solutions. *Grammar and Corpora GAC 2018*. Paris, France.
- 4 **Bladier, T.**, Evang, K., Möllemann, R. (2018). From Penn Treebank to RRGbank: Creating the first large Role and Reference Grammar Resource. *TreeGraSP Workshop*, Düsseldorf, Germany.
- 5 **Bladier, T.**, Janke, J. (2018). On TAG Parsing as Dependency Parsing, or Neural (almost-)Parsing with French LTAGs. *TreeGraSP Workshop*, Düsseldorf, Germany.
- 6 **Bladier, T.** (2018). Bi-LSTM TAG Supertagging for French and German. *TreeGraSP Workshop*, Düsseldorf, Germany.
- 7 **Bladier, T.**, Evang, K., Zinova, Y. (2017). Aspecto-temporal Representation of Slavic Aktionsarten in DRT with Boxer. *Logic and Engineering of Natural Language Semantics LENLS-14*, Tokyo, Japan.

Posters

- 1 **Bladier, T.**, Janke, J. H., Waszczuk, J., Kallmeyer, L. (2019). From partial neural graph-based LTAG parsing towards full parsing. *Computational Linguistics in the Netherlands CLIN29 2019*. Groningen, Netherlands.
- 2 **Bladier, T.**, van Cranenburgh, A., Evang, K., Kallmeyer, L., Möllemann, R., Osswald, R. (2018). RRGbank - creating a Role and Reference Grammar resource through an automatic conversion of the Penn treebank. *Grammar and Corpora GAC 2018*. Paris, France
- 3 **Bladier, T.** (2018). Frame-semantic parsing for French with LTAG supertagging. *NASSLLI 2018 Student Session*, Pittsburgh, USA.
- 4 **Bladier, T.**, Evang, K., Zinova, Y. (2018). Representing Slavic Aktionsarten in DRT with Boxer. *German Linguistic Society DGfS 2018*, Stuttgart, Germany.

TEACHING ACTIVITIES AND THESIS SUPERVISION

Spring 2019	Computational Semantics (University of Düsseldorf)
Fall 2018	Deep Learning in Natural Language Processing (University of Düsseldorf)
Spring 2018	Parsing beyond Context-Free Grammars (University of Düsseldorf)
Fall 2017	Discourse Representation Theory (University of Düsseldorf)

Thesis Supervision

Title: “AMR Parsing with Supertags”, Bachelor thesis of Jule Pohlmann (University of Düsseldorf).

Title: “Dependency Parsing for Lexicalized Tree Adjoining Grammars based on Supertags and Neural Networks”, Bachelor thesis of Jörg Hendrik Janke (University of Düsseldorf).

GRANTS AND STIPENDS

Sep 2019 – Dec 2019	Mobility grant “ALPROCOPE-CALL FOCUSED ON AI” by the French National Institute for Research in Computer Science and Automation Inria (total sum: 6500 Euro).
Oct 2009 – May 2010	Stipend from German Pedagogic Exchange Service (PAD) for a pedagogic service in Germany (total sum: 7920 Euro).
Oct 2007 – Feb 2008	Grant from German Academic Exchange Service (DAAD) for bachelor students of German Language and Culture for a research stay in Germany (total sum: 3900 Euro).

COMMITTEE WORK

2019	Committee Member for the W3 professorship in the teaching of Morphology and Syntax at University of Dsseldorf.
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REVIEWING

Conferences	LREC 2020
Journals	Computer Speech and Language

PROFESSIONAL MEMBERSHIPS

since 2017	Member of Association for Computational Linguistics (ACL)
since 2018	Member of Linguistic Society of America (LSA)
since 2018	Member of Role and Reference Grammar List (RRG list)
since 2018	Member of Society for Computation in Linguistics (SCiL)

FURTHER SKILLS

Languages	Russian (mother tongue), German (fluent), English (fluent), French (good)
IT & Software	Python, Keras, TensorFlow, Flask, JavaScript, HTML/CSS, MySQL, Prolog, Ontology editor Protégé.

Düsseldorf, 30 December 2019